

## **APPENDIX O**

### **Socioeconomics**

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## **REFERENCES**

**Table 1**      **Minority Data for All Geographic Areas**

Geographic Area	Population	African American		American Indian/Alaskan Native		Asian/Pacific Islander		Other		Two or More Races		Aggregate (Total) of Racial Minorities	
		#	%	#	%	#	%	#	%	#	%	#	%
<b>United States</b>	<b>308,745,538</b>	<b>38,929,319</b>	<b>12.6</b>	<b>2,932,248</b>	<b>0.9</b>	<b>15,214,265</b>	<b>4.9</b>	<b>19,107,368</b>	<b>6.2</b>	<b>9,009,073</b>	<b>2.9</b>	<b>85,192,273</b>	<b>27.6</b>
<b>Montana</b>	<b>989,415</b>	<b>4,027</b>	<b>0.4</b>	<b>62,555</b>	<b>6.3</b>	<b>6,921</b>	<b>0.7</b>	<b>5,975</b>	<b>0.6</b>	<b>24,976</b>	<b>2.5</b>	<b>104,454</b>	<b>10.6</b>
Phillips	4,253	1	0.0	351	8.3	11	0.3	17	0.4	171	4.0	551	13.0
CT 602	4,253	1	0.0	351	8.3	11	0.3	17	0.4	171	4.0	551	13.0
BG 4	1,139	0	0.0	88	7.7	3	0.3	11	1.0	36	3.2	138	12.1
Valley	7,369	17	0.2	724	9.8	40	0.5	24	0.3	155	2.1	960	13.0
CT 1001	1,513	0	0.0	24	1.6	4	0.3	6	0.4	21	1.4	55	3.6
BG 1	659	0	0.0	3	0.5	1	0.2	6	0.9	7	1.1	17	2.6
BG 2	854	0	0.0	21	2.5	3	0.4	0	0.0	14	1.6	38	4.4
CT 9406	3,063	10	0.3	571	18.6	27	0.9	7	0.2	58	1.9	673	22.0
BG 1	808	7	0.9	30	3.7	9	1.1	2	0.2	15	1.9	63	7.8
BG 2	1,003	2	0.2	499	49.8	15	1.5	2	0.2	18	1.8	536	53.4
BG 3	1,252	1	0.1	42	3.4	3	0.2	3	0.2	25	2.0	74	5.9
McCone	1,734	4	0.2	7	0.4	2	0.1	1	0.1	21	1.2	35	2.0
CT 9540	1,734	4	0.2	7	0.4	2	0.1	1	0.1	21	1.2	35	2.0
BG 1	1,018	3	0.3	6	0.6	0	0.0	1	0.1	8	0.8	18	1.8
BG 2	716	1	0.1	1	0.1	2	0.3	0	0.0	13	1.8	17	2.4
Dawson	8,966	27	0.3	156	1.7	31	0.3	27	0.3	143	1.6	384	4.3
CT 1	1,456	0	0.0	8	0.5	1	0.1	6	0.4	7	0.5	22	1.5
BG 1	744	0	0.0	4	0.5	0	0.0	4	0.5	5	0.7	13	1.7
BG 2	712	0	0.0	4	0.6	1	0.1	2	0.3	2	0.3	9	1.3
Prairie	1,179	0	0.0	2	0.2	6	0.5	2	0.2	33	2.8	43	3.6
CT 1	1,179	0	0.0	2	0.2	6	0.5	2	0.2	33	2.8	43	3.6
BG 1	1,179	0	0.0	2	0.2	6	0.5	2	0.2	33	2.8	43	3.6

**Table 1**      **Minority Data for All Geographic Areas**

Geographic Area	Population	African American			American Indian/Alaskan Native		Asian/Pacific Islander		Other		Two or More Races		Aggregate (Total) of Racial Minorities	
		#	#	%	#	%	#	%	#	%	#	%	#	%
Fallon	2,890		2	0.1	12	0.4	19	0.7	5	0.2	38	1.3	76	2.6
CT 1	2,890		2	0.1	12	0.4	19	0.7	5	0.2	38	1.3	76	2.6
BG 1	913		1	0.1	3	0.3	6	0.7	1	0.1	15	1.6	26	2.8
BG 2	1,104		1	0.1	5	0.5	2	0.2	1	0.1	13	1.2	22	2.0
BG 3	873		0	0.0	4	0.5	11	1.3	3	0.3	10	1.1	28	3.2
Carter	1,160		1	0.1	11	0.9	1	0.1	3	0.3	9	0.8	25	2.2
CT 3	1,160		1	0.1	11	0.9	1	0.1	3	0.3	9	0.8	25	2.2
BG 1	615		1	0.2	4	0.7	0	0.0	1	0.2	8	1.3	14	2.3
BG 2	545		0	0.0	7	1.3	1	0.2	2	0.4	1	0.2	11	2.0
<b>South Dakota</b>	<b>814,180</b>		<b>10,207</b>	<b>1.3</b>	<b>71,817</b>	<b>8.8</b>	<b>8,004</b>	<b>1.0</b>	<b>7,477</b>	<b>0.9</b>	<b>17,283</b>	<b>2.1</b>	<b>114,788</b>	<b>14.1</b>
Harding	1,255		1	0.1	19	1.5	1	0.1	9	0.7	21	1.7	51	4.1
CT 9687	1,255		1	0.1	19	1.5	1	0.1	9	0.7	21	1.7	51	4.1
BG 1	1,255		1	0.1	19	1.5	1	0.1	9	0.7	21	1.7	51	4.1
Butte	10,110		22	0.2	189	1.9	30	0.3	82	0.8	261	2.6	584	5.8
CT 9676	2,972		11	0.4	57	1.9	10	0.3	6	0.2	93	3.1	177	6.0
BG 1	1,177		8	0.7	22	1.9	5	0.4	5	0.4	37	3.1	77	6.5
Perkins	2,982		2	0.1	38	1.3	4	0.1	14	0.5	34	1.1	92	3.1
CT 9683	2,982		2	0.1	38	1.3	4	0.1	14	0.5	34	1.1	92	3.1
BG 2	981		0	0.0	7	0.7	1	0.1	13	1.3	14	1.4	35	3.6
Meade	25,434		319	1.3	597	2.3	184	0.7	196	0.8	733	2.9	2,029	8.0
CT 205	4,380		100	2.3	76	1.7	71	1.6	74	1.7	137	3.1	458	10.5
BG 2	837		2	0.2	4	0.5	1	0.1	0	0.0	13	1.6	20	2.4
BG 3	1,086		1	0.1	19	1.7	6	0.6	3	0.3	21	1.9	50	4.6

**Table 1**      **Minority Data for All Geographic Areas**

Geographic Area	Population	African American		American Indian/Alaskan Native		Asian/Pacific Islander		Other		Two or More Races		Aggregate (Total) of Racial Minorities	
		#	%	#	%	#	%	#	%	#	%	#	%
Ziebach	2,801	6	0.2	2,097	74.9	2	0.1	3	0.1	83	3.0	2,191	78.2
CT 9416	2,801	6	0.2	2,097	74.9	2	0.1	3	0.1	83	3.0	2,191	78.2
BG 1	1,805	5	0.3	1,529	84.7	2	0.1	1	0.1	62	3.4	1,599	88.6
Pennington	100,948	1,050	1.0	9,748	9.7	1,132	1.1	813	0.8	3,855	3.8	16,598	16.4
CT 116	6,720	88	1.3	278	4.1	71	1.1	34	0.5	275	4.1	746	11.1
BG 1	1,123	9	0.8	62	5.5	4	0.4	1	0.1	44	3.9	120	10.7
Haakon	1,937	3	0.2	37	1.9	9	0.5	4	0.2	50	2.6	103	5.3
CT 9601	1,937	3	0.2	37	1.9	9	0.5	4	0.2	50	2.6	103	5.3
BG 2	978	1	0.1	17	1.7	3	0.3	4	0.4	21	2.1	46	4.7
Jones	1,006	1	0.1	20	2.0	4	0.4	0	0.0	19	1.9	44	4.4
CT 916	1,006	1	0.1	20	2.0	4	0.4	0	0.0	19	1.9	44	4.4
BG 1	1,006	1	0.1	20	2.0	4	0.4	0	0.0	19	1.9	44	4.4
Lyman	3,755	3	0.1	1,436	38.2	11	0.3	5	0.1	109	2.9	1,564	41.7
CT 9726	2,275	2	0.1	109	4.8	7	0.3	5	0.2	53	2.3	176	7.7
BG 1	915	0	0.0	22	2.4	0	0.0	1	0.1	18	2.0	41	4.5
Tripp	5,644	6	0.1	788	14.0	12	0.2	13	0.2	136	2.4	955	16.9
CT 9716	2,261	0	0.0	173	7.7	4	0.2	5	0.2	36	1.6	218	9.6
BG 1	1,035	0	0.0	33	3.2	0	0.0	0	0.0	7	0.7	40	3.9
BG 2	1,226	0	0.0	140	11.4	4	0.3	5	0.4	29	2.4	178	14.5
CT 9717	3,383	6	0.2	615	18.2	8	0.2	8	0.2	100	3.0	737	21.8
BG 1	1,411	0	0.0	323	22.9	2	0.1	4	0.3	37	2.6	366	25.9
BG 2	1,074	3	0.3	189	17.6	5	0.5	3	0.3	43	4.0	243	22.6
BG 3	898	3	0.3	103	11.5	1	0.1	1	0.1	20	2.2	128	14.3

**Table 1**      **Minority Data for All Geographic Areas**

Geographic Area	Population	African American		American Indian/Alaskan Native		Asian/Pacific Islander		Other		Two or More Races		Aggregate (Total) of Racial Minorities	
		#	%	#	%	#	%	#	%	#	%	#	%
Gregory	4,271	7	0.2	320	7.5	11	0.3	10	0.2	95	2.2	443	10.4
CT 9712	2,190	3	0.1	209	9.5	0	0.0	7	0.3	47	2.1	266	12.1
BG 2	1,379	1	0.1	61	4.4	0	0.0	2	0.1	37	2.7	101	7.3
<b>Nebraska</b>	<b>1,826,341</b>	<b>82,885</b>	<b>4.5</b>	<b>18,427</b>	<b>1.0</b>	<b>33,572</b>	<b>1.8</b>	<b>79,109</b>	<b>4.3</b>	<b>39,510</b>	<b>2.2</b>	<b>253,503</b>	<b>13.9</b>
Keya Paha	824	0	0.0	1	0.1	1	0.1	2	0.2	3	0.4	7	0.8
CT 9754	824	0	0.0	1	0.1	1	0.1	2	0.2	3	0.4	7	0.8
BG 1	824	0	0.0	1	0.1	1	0.1	2	0.2	3	0.4	7	0.8
Boyd	2,099	1	0.0	12	0.6	19	0.9	12	0.6	20	1.0	64	3.0
CT 9758	2,099	1	0.0	12	0.6	19	0.9	12	0.6	20	1.0	64	3.0
BG 2	816	0	0.0	5	0.6	9	1.1	7	0.9	3	0.4	24	2.9
Holt	10,435	16	0.2	29	0.3	26	0.2	182	1.7	50	0.5	303	2.9
CT 9740	1,645	3	0.2	0	0.0	3	0.2	3	0.2	12	0.7	21	1.3
BG 1	621	0	0.0	0	0.0	2	0.3	3	0.5	3	0.5	8	1.3
BG 2	1,024	3	0.3	0	0.0	1	0.1	0	0.0	9	0.9	13	1.3
CT 9741	2,564	0	0.0	4	0.2	5	0.2	7	0.3	5	0.2	21	0.8
BG 1	1,154	0	0.0	4	0.4	4	0.3	0	0.0	2	0.2	10	0.9
CT 9742	1,910	3	0.2	7	0.4	3	0.2	2	0.1	3	0.2	18	0.9
BG 1	1,133	1	0.1	3	0.3	3	0.3	1	0.1	2	0.2	10	0.9
CT 9743	4,316	10	0.2	18	0.4	15	0.3	170	3.9	30	0.7	243	5.6
BG 1	826	1	0.1	1	0.1	4	0.5	9	1.1	6	0.7	21	2.5
Antelope	6,685	19	0.3	11	0.2	20	0.3	77	1.2	41	0.6	168	2.5
CT 9796	2,146	9	0.4	2	0.1	11	0.5	9	0.4	7	0.3	38	1.8
BG 1	643	4	0.6	1	0.2	0	0.0	0	0.0	1	0.2	6	0.9
BG 2	582	3	0.5	0	0.0	11	1.9	1	0.2	1	0.2	16	2.7
BG 3	921	2	0.2	1	0.1	0	0.0	8	0.9	5	0.5	16	1.7



**Table 1**      **Minority Data for All Geographic Areas**

Geographic Area	Population	African American		American Indian/Alaskan Native		Asian/Pacific Islander		Other		Two or More Races		Aggregate (Total) of Racial Minorities	
		#	%	#	%	#	%	#	%	#	%	#	%
CT 9798	2,781	6	0.2	5	0.2	3	0.1	49	1.8	20	0.7	83	3.0
BG 3	1037	5	0.5	5	0.5	1	0.1	8	0.8	9	0.9	28	2.7
Boone	5,505	23	0.4	12	0.2	12	0.2	18	0.3	18	0.3	83	1.5
CT 9601	3,626	19	0.5	4	0.1	7	0.2	14	0.4	12	0.3	56	1.5
BG 1	917	0	0.0	0	0.0	3	0.3	5	0.5	0	0.0	8	0.9
BG 3	621	2	0.3	1	0.2	3	0.5	0	0.0	3	0.5	9	1.4
BG 5	761	10	1.3	0	0.0	1	0.1	4	0.5	2	0.3	17	2.2
Nance	3,735	8	0.2	10	0.3	2	0.1	19	0.5	37	1.0	76	2.0
CT 9661	3,735	8	0.2	10	0.3	2	0.1	19	0.5	37	1.0	76	2.0
BG 2	636	0	0.0	0	0.0	0	0.0	0	0.0	6	0.9	6	0.9
BG 5	692	3	0.4	5	0.7	0	0.0	5	0.7	1	0.1	14	2.0
Merrick	7,845	15	0.2	31	0.4	66	0.8	105	1.3	78	1.0	295	3.8
CT 9666	1,947	1	0.1	2	0.1	5	0.3	18	0.9	12	0.6	38	2.0
BG 1	804	0	0.0	0	0.0	1	0.1	7	0.9	1	0.1	9	1.1
BG 2	1,143	1	0.1	2	0.2	4	0.3	11	1.0	11	1.0	29	2.5
Polk	5,406	6	0.1	11	0.2	8	0.1	35	0.6	54	1.0	114	2.1
CT 9600	2,167	0	0.0	4	0.2	3	0.1	8	0.4	16	0.7	31	1.4
BG 1	1,119	0	0.0	2	0.2	0	0.0	8	0.7	8	0.7	18	1.6
CT 9601	3,239	6	0.2	7	0.2	5	0.2	27	0.8	38	1.2	83	2.6
BG 2	661	0	0.0	2	0.3	1	0.2	2	0.3	6	0.9	11	1.7
York	13,665	158	1.2	58	0.4	67	0.5	263	1.9	139	1.0	685	5.0
CT 9696	2,711	10	0.4	8	0.3	1	0.0	19	0.7	23	0.8	61	2.3
BG 2	1,233	2	0.2	6	0.5	1	0.1	16	1.3	12	1.0	37	3.0
CT 9698	4,634	100	2.2	35	0.8	33	0.7	170	3.7	54	1.2	392	8.5
BG 2	1,840	78	4.2	18	1.0	4	0.2	96	5.2	26	1.4	222	12.1

**Table 1**      **Minority Data for All Geographic Areas**

Geographic Area	Population	African American			American Indian/Alaskan Native		Asian/Pacific Islander		Other		Two or More Races		Aggregate (Total) of Racial Minorities	
		#	#	%	#	%	#	%	#	%	#	%	#	%
CT 9699	2,436	8	0.3		7	0.3	5	0.2	18	0.7	9	0.4	47	1.9
BG 1	1,351	5	0.4		4	0.3	3	0.2	10	0.7	2	0.1	24	1.8
Fillmore	5,890	36	0.6		28	0.5	9	0.2	66	1.1	48	0.8	187	3.2
CT 916	2,319	1	0.0		7	0.3	2	0.1	28	1.2	14	0.6	52	2.2
BG 1	1,310	0	0.0		5	0.4	1	0.1	14	1.1	7	0.5	27	2.1
BG 2	1,009	1	0.1		2	0.2	1	0.1	14	1.4	7	0.7	25	2.5
Saline	14,200	125	0.9		55	0.4	239	1.7	1,775	12.5	223	1.6	2,417	17.0
CT 9608	1,496	4	0.3		2	0.1	3	0.2	22	1.5	14	0.9	45	3.0
BG 1	876	2	0.2		1	0.1	0	0.0	9	1.0	14	1.6	26	3.0
BG 2	620	2	0.3		1	0.2	3	0.5	13	2.1	0	0.0	19	3.1
Jefferson	7,547	24	0.3		27	0.4	20	0.3	62	0.8	91	1.2	224	3.0
CT 9636	3,294	10	0.3		3	0.1	5	0.2	19	0.6	22	0.7	59	1.8
BG 1	1,266	1	0.1		0	0.0	3	0.2	4	0.3	7	0.6	15	1.2
BG 2	705	8	1.1		1	0.1	1	0.1	5	0.7	3	0.4	18	2.6
BG 3	1,323	1	0.1		2	0.2	1	0.1	10	0.8	12	0.9	26	2.0
<b>Kansas</b>	<b>2,853,118</b>	<b>167,864</b>	<b>5.9</b>		<b>28,150</b>	<b>1.0</b>	<b>70,000</b>	<b>2.5</b>	<b>110,127</b>	<b>3.9</b>	<b>85,933</b>	<b>3.0</b>	<b>462,074</b>	<b>16.2</b>
Clay	8,535	34	0.4		38	0.4	28	0.3	29	0.3	105	1.2	234	2.7
CT 4581	3,894	11	0.3		12	0.3	10	0.3	10	0.3	49	1.3	92	2.4
BG 2	1,339	3	0.2		3	0.2	2	0.1	4	0.3	8	0.6	20	1.5
BG 3	1,214	4	0.3		6	0.5	7	0.6	3	0.2	35	2.9	55	4.5
BG 4	796	1	0.1		3	0.4	1	0.1	1	0.1	3	0.4	9	1.1
CT 4582	4,641	23	0.5		26	0.6	18	0.4	19	0.4	56	1.2	142	3.1
BG 1	622	4	0.6		2	0.3	9	1.4	5	0.8	7	1.1	27	4.3

**Table 1**      **Minority Data for All Geographic Areas**

Geographic Area	Population	African American		American Indian/Alaskan Native		Asian/Pacific Islander		Other		Two or More Races		Aggregate (Total) of Racial Minorities	
		#	%	#	%	#	%	#	%	#	%	#	%
Butler	65,880	1,096	1.7	636	1.0	512	0.8	599	0.9	1,461	2.2	4,304	6.5
CT 0201	6,253	484	7.7	71	1.1	12	0.2	22	0.4	70	1.1	659	10.5
BG 1	1,564	16	1.0	10	0.6	2	0.1	6	0.4	19	1.2	53	3.4
CT 0206	7,687	40	0.5	75	1.0	44	0.6	61	0.8	160	2.1	380	4.9
BG 2	691	1	0.1	11	1.6	4	0.6	10	1.4	21	3.0	47	6.8

Sources: Total population and minority populations for each race (Race, U.S. Census Bureau 2012b).

Notes: Gray shaded cells indicate minority populations that met the 50 percent and/or meaningfully greater criteria.

Values less than 0.1 percent are expressed as 0.0 percent.

CT = Census Tract, BG = Block Group

Minority geographic areas identified in the table may not be the same as those identified in the Final Environmental Impact Statement (EIS) dated August 26, 2011. The Final EIS used 2000 census data, while this analysis used 2010 census data. In some cases, discrepancies are due to changes in demographics between 2000 and 2010. For instance, the Final EIS identified block group 000100-2 in Fallon County, Montana, as minority in 2000, but 2010 data shows that the minority population in this block group has declined. Other discrepancies can be attributed to the geographic reconfiguration of block groups between 2000 and 2010. For example, a block group in Meade County, South Dakota, that met the minority population criterion in 2000 does not meet the criterion based on 2010 data because the block group configuration changed to incorporate areas with a different racial breakdown.

**Table 2 Hispanic and Latino Origin Data for All Geographic Areas**

<b>Geographic Area</b>	<b>Population #</b>	<b>Hispanic or Latino #</b>	<b>%</b>
<b>United States</b>	308,745,538	50,477,594	16.3
<b>Montana</b>	989,415	28,565	2.9
Phillips	4,253	81	1.9
CT 602	4,253	81	1.9
BG 4	1,139	25	2.2
Valley	7,369	91	1.2
CT 1001	1,513	8	0.5
BG 1	659	8	1.2
BG 2	854	0	0.0
CT 9406	3,063	33	1.1
BG 1	808	11	1.4
BG 2	1,003	10	1.0
BG 3	1,252	14	1.1
McCone	1,734	13	0.7
CT 9540	1,734	13	0.7
BG 1	1,018	3	0.3
BG 2	716	11	1.5
Dawson	8,966	178	2.0
CT 1	1,456	11	0.8
BG 1	744	10	1.3
BG 2	712	3	0.4
Prairie	1,179	16	1.4
CT 1	1,179	16	1.4
BG 1	1,179	19	1.6
Fallon	2,890	34	1.2
CT 1	2,890	34	1.2
BG 1	913	6	0.7
BG 2	1,104	22	2.0
BG 3	873	11	1.3
Carter	1,160	8	0.7
CT 3	1,160	8	0.7
BG 1	615	6	1.0
BG 2	545	4	0.7
<b>South Dakota</b>	814,180	22,119	2.7
Harding	1,255	20	1.6
CT 9687	1,255	20	1.6
BG 1	1,255	24	1.9

**Table 2 Hispanic and Latino Origin Data for All Geographic Areas**

	<b>Population</b>	<b>Hispanic or Latino</b>	
Butte	10,110	306	3.0
CT 9676	2,972	56	1.9
BG 1	1,177	36	3.1
Perkins	2,982	20	0.7
CT 9683	2,982	20	0.7
BG 2	981	10	1.0
Meade	25,434	773	3.0
CT 205	4,380	235	5.4
BG 2	837	18	2.2
BG 3	1,086	17	1.6
Ziebach	2,801	87	3.1
CT 9416	2,801	87	3.1
BG 1	1,805	64	3.5
Pennington	100,948	4,044	4.0
CT 116	6,720	207	3.1
BG 1	1,123	12	1.1
Haakon	1,937	17	0.9
CT 9601	1,937	17	0.9
BG 2	978	9	0.9
Jones	1,006	13	1.3
CT 916	1,006	13	1.3
BG 1	1,006	13	1.3
Lyman	3,755	42	1.1
CT 9726	2,275	21	0.9
BG 1	915	12	1.3
Tripp	5,644	60	1.1
CT 9716	2,261	16	0.7
BG 1	1,035	7	0.7
BG 2	1,226	11	0.9
CT 9717	3,383	44	1.3
BG 1	1,411	28	2.0
BG 2	1,074	27	2.5
BG 3	898	8	0.9
Gregory	4,271	38	0.9
CT 9712	2,190	19	0.9
BG 2	1,379	7	0.5

**Table 2 Hispanic and Latino Origin Data for All Geographic Areas**

	<b>Population</b>	<b>Hispanic or Latino</b>	
<b>Nebraska</b>	1,826,341	167,405	9.2
Keya Paha	824	4	0.5
CT 9754	824	4	0.5
BG 1	824	4	0.5
Boyd	2,099	33	1.6
CT 9758	2,099	33	1.6
BG 2	816	7	0.9
Holt	10,435	305	2.9
CT 9740	1,645	15	0.9
BG 1	621	11	1.8
BG 2	1,024	4	0.4
CT 9741	2,564	12	0.5
BG 1	1,154	2	0.2
CT 9742	1,910	7	0.4
BG 1	1,133	5	0.4
CT 9743	4,316	271	6.3
BG 1	826	22	2.7
Antelope	6,685	178	2.7
CT 9796	2,146	21	1.0
BG 1	643	1	0.2
BG 2	582	3	0.5
BG 3	921	19	2.1
CT 9798	2,781	89	3.2
BG 3	1,037	22	2.1
Boone	5,505	65	1.2
CT 9601	3,626	35	1.0
BG 1	917	10	1.1
BG 3	621	2	0.3
BG 5	761	11	1.4
Nance	3,735	65	1.7
CT 9661	3,735	65	1.7
BG 2	636	9	1.4
BG 5	692	8	1.2
Merrick	7,845	290	3.7
CT 9666	1,947	49	2.5
BG 1	804	17	2.1
BG 2	1,143	37	3.2

**Table 2**      **Hispanic and Latino Origin Data for All Geographic Areas**

	Population	Hispanic or Latino	
Polk	5,406	156	2.9
CT 9600	2,167	19	0.9
BG 1	1,119	14	1.3
CT 9601	3,239	137	4.2
BG 2	661	19	2.9
York	13,665	555	4.1
CT 9696	2,711	54	2.0
BG 2	1,233	41	3.3
CT 9698	4,634	292	6.3
BG 2	1,840	147	8.0
CT 9699	2,436	52	2.1
BG 1	1,351	29	2.1
Fillmore	5,890	178	3.0
CT 916	2,319	72	3.1
BG 1	1,310	49	3.7
BG 2	1,009	29	2.9
Saline	14,200	2,870	20.2
CT 9608	1,496	40	2.7
BG 1	876	25	2.9
BG 2	620	19	3.1
Jefferson	7,547	200	2.7
CT 9636	3,294	69	2.1
BG 1	1,266	27	2.1
BG 2	705	13	1.8
BG 3	1,323	39	2.9
<b>Kansas</b>	2,853,118	300,042	10.5
Clay	8,535	162	1.9
CT 4581	3,894	83	2.1
BG 2	1,339	31	2.3
BG 3	1,214	39	3.2
BG 4	796	14	1.8
CT 4582	4,641	79	1.7
BG 1	622	15	2.4
Butler	65,880	2,602	3.9
CT 201	6,253	261	4.2
BG 1	1,564	31	2.0
CT 206	7,687	208	2.7
BG 2	691	25	3.6

**Table 2                    Hispanic and Latino Origin Data for All Geographic Areas**

Sources: Hispanic and Latino populations (Hispanic or Latino Origin by Race, U.S. Census Bureau 2012c).

<sup>a</sup> Hispanic and Latino populations are not included in the aggregate minority count.

Notes: Gray shaded cells indicate minority populations that met the 50 percent and/or meaningfully greater criteria.

CT = Census Tract, BG = Block Group

Minority geographic areas identified in the table may not be the same as those identified in the Final EIS dated August 26, 2011. The Final EIS used 2000 census data, while this analysis used 2010 census data. In some cases, discrepancies are due to changes in demographics between 2000 and 2010. For instance, the Final EIS identified block group 000100-2 in Fallon County, Montana, as minority in 2000, but 2010 data shows that the minority population in this block group has declined. Other discrepancies can be attributed to the geographic reconfiguration of block groups between 2000 and 2010. For example, a block group in Meade County, South Dakota that met the minority population criterion in 2000 does not meet the criterion based on 2010 data because the block group configuration changed to incorporate areas with a different racial breakdown.



**Table 3 Low-Income Data for All Geographic Areas**

Geographic Area	Population for Whom Poverty Status is Determined	Aggregate (Total) of Low-Income Populations	
	#	#	%
<b>United States</b>	<b>296,141,149</b>	<b>40,917,513</b>	<b>13.8</b>
<b>Montana</b>	<b>949,414</b>	<b>138,109</b>	<b>14.5</b>
Phillips	3,986	537	13.5
CT 602	3,986	537	13.5
Valley	7,155	722	10.1
CT 1001	1,471	111	7.5
CT 9406	2,922	368	12.6
McCone	1,714	147	8.6
CT 9540	1,714	147	8.6
Dawson	8,045	746	9.3
CT 1	1,401	116	8.3
Prairie	1,079	182	16.9
CT 1	1,079	182	16.9
Fallon	2,802	238	8.5
CT 1	2,802	238	8.5
Carter	1,269	178	14.0
CT 3	1,269	178	14.0
<b>South Dakota</b>	<b>771,100</b>	<b>105,819</b>	<b>13.7</b>
Harding	1,233	199	16.1
CT 9687	1,233	199	16.1
Butte	9,782	1,529	15.6
CT 9676	2,932	573	19.5
Perkins	2,904	543	18.7
CT 9683	2,904	543	18.7
Meade	24,266	2,456	10.1
CT 205	4,747	718	15.1
Ziebach	2,742	1,260	46.0
CT 9416	2,742	1,260	46.0
Pennington	95,723	13,423	14.0
CT 116	6,490	622	9.6
Haakon	1,684	211	12.5
CT 9601	1,684	211	12.5
Jones	1,056	96	9.1
CT 916	1,056	96	9.1
Lyman	3,720	699	18.8
CT 9726	2,128	171	8.0

**Table 3 Low-Income Data for All Geographic Areas**

Geographic Area	Population for Whom Poverty Status is Determined	Aggregate (Total) of Low-Income Populations	
	#	#	%
Tripp	5,635	927	16.5
CT 9716	2,326	360	15.5
CT 9717	3,309	567	17.1
Gregory	4,169	669	16.0
CT 9712	2,204	328	14.9
<b>Nebraska</b>	<b>1,744,704</b>	<b>206,227</b>	<b>11.8</b>
Keya Paha	740	168	22.7
CT 9754	740	168	22.7
Boyd	2,052	170	8.3
CT 9758	2,052	170	8.3
Holt	10,186	794	7.8
CT 9740	1521	95	6.2
CT 9741	2803	213	7.6
CT 9742	1855	128	6.9
CT 9743	4007	358	8.9
Antelope	6,540	745	11.4
CT 9796	2051	202	9.8
CT 9798	2822	256	9.1
Boone	5,433	360	6.6
CT 9601	3482	248	7.1
Nance	3,531	346	9.8
CT 9661	3531	346	9.8
Merrick	7,760	832	10.7
CT 9666	1699	88	5.2
Polk	5,403	375	6.9
CT 9600	2122	144	6.8
CT 9601	3281	231	7.0
York	12,699	890	7.0
CT 9696	2533	136	5.4
CT 9698	3919	377	9.6
CT 9699	2308	131	5.7
Fillmore	5,559	652	11.7
CT 916	2200	211	9.6
Saline	12,871	1,539	12.0
CT 9608	1600	112	7.0
Jefferson	7,668	958	12.5
CT 9636	3255	222	6.8

**Table 3 Low-Income Data for All Geographic Areas**

Geographic Area	Population for Whom Poverty Status is Determined	Aggregate (Total) of Low-Income Populations	
	#	#	%
<b>Kansas</b>	<b>2,725,175</b>	<b>338,792</b>	<b>12.4</b>
Clay	8,232	743	9.0
CT 4581	3,907	372	9.5
CT 4582	4,325	371	8.6
Butler	63,003	4,594	7.3
CT 201	5,024	350	7.0
CT 206	7,624	376	4.9

Source: 2006-2010 Poverty Status in the Past 12 Months (U.S. Census Bureau 2012a).

Notes: Gray shaded cells indicate minority populations that met the 50 percent and/or meaningfully greater criteria.

CT = Census Tract

Low-income geographic areas identified in the table may not be the same as those identified in the Final EIS dated August 26, 2011. The Final EIS used data from the U.S. 2000 census (1999 data), while this Supplemental EIS analysis used 2006-2010 American Community Survey data. In some cases, discrepancies are due to changes in demographics between 1999 and 2010. Additional discrepancies can be attributed to the reconfiguration of block groups and census tracts over time. For instance, Valley County, Montana, had a small low-income block group surrounded by non-low-income block groups in 2000. The Final EIS identified it as having a low-income population, but after 2000 this block group was merged into the surrounding groups and the resulting census tract does not meet the low-income criterion. Additionally, the Final EIS analyzed low-income data on a block group level, while the Supplemental EIS uses census tracts since block group-level data is not currently available. In some cases the Final EIS identified a block group as having a meaningfully greater low-income population, but its corresponding census tract does not have one.

**Table 4 County Minority Populations Meaningfully Greater than Corresponding States' Minority Population**

	Total Population		African American		American Indian or Alaskan Native		Asian or Pacific Islander		Other		Two or More Races		Aggregate (Total) of Racial Minorities		Hispanic or Latino	
	#		#	%	#	%	#	%	#	%	#	%	#	%	#	%
Montana																
Phillips	4,253	1	0.0	351	8.3	11	0.3	17	0.4	171	4.0	551	13.0	87	2.0	
Valley	7,369	17	0.2	724	9.8	40	0.5	24	0.3	155	2.1	960	13.0	91	1.2	
Montana Exceedance Criteria		0.5%		7.6%		0.8%		0.7%		3.0%		12.7%		3.5%		
South Dakota																
Butte	10,110	22	0.2	189	1.9	30	0.3	82	0.8	261	2.6	584	5.8	306	3.0	
Meade	25,434	319	1.3	597	2.3	184	0.7	196	0.8	733	2.9	2,029	8.0	773	3.0	
Ziebach	2,801	6	0.2	2,097	74.9	2	0.1	3	0.1	83	3.0	2,191	78.2	87	3.1	
Pennington	100,948	1,050	1.0	9,748	9.7	1,132	1.1	813	0.8	3,855	3.8	16,598	16.4	4,044	4.0	
Haakon	1,937	3	0.2	37	1.9	9	0.5	4	0.2	50	2.6	103	5.3	17	0.9	
Lyman	3,755	3	0.1	1,436	38.2	11	0.3	5	0.1	109	2.9	1,564	41.7	42	1.1	
Tripp	5,644	6	0.1	788	14.0	12	0.2	13	0.2	136	2.4	955	16.9	60	1.1	
South Dakota Exceedance Criteria		1.5%		10.6%		1.2%		1.1%		2.5%		16.9%		3.2%		
Nebraska																
Saline	14,200	125	0.9	55	0.4	239	1.7	1,775	12.5	223	1.6	2,417	17.0	2,870	20.2	
Nebraska Exceedance Criteria		5.4%		1.2%		2.2%		5.2%		2.6%		16.7%		11.0%		

Sources: Total population and minority populations for each race (Race, U.S. Census Bureau 2012b), Hispanic and Latino populations (Race and Hispanic or Latino Origin, U.S. Census Bureau 2012c).

<sup>a</sup> Hispanic and Latino populations are not included in the aggregate minority count.

Note: Values less than 0.1 percent are expressed as 0.0 percent.

Minority geographic areas identified in the table may not be the same as those identified in the Final EIS dated August 26, 2011. The Final EIS used 2000 census data, while this analysis used 2010 census data. In some cases, discrepancies are due to changes in demographics between 2000 and 2010. For instance, the Final EIS identified block group 000100-2 in Fallon County, Montana as minority in 2000, but 2010 data shows that minority populations in the block group have since decreased. Discrepancies can also be attributed to the reconfiguration of block groups over time. A minority population in a Meade County, South Dakota block group from 2000 is no longer minority because the block group configuration has changed to incorporate areas with a different racial breakdown.

**Table 5**      **County Low-Income Populations Meaningfully Greater than Corresponding States' Low-Income Population**

	Population for Whom Poverty Status is Determined	Aggregate (Total) of Low-Income Populations	
	Number	Number	Percent
<b>South Dakota</b>			
Perkins	2,904	543	18.7
Ziebach	2,742	1,260	46.0
Lyman	3,720	699	18.8
Tripp	5,635	927	16.5
<i>South Dakota Exceedance Criteria</i>			16.5
<b>Nebraska</b>			
Keya Paha	740	168	22.7
<i>Nebraska Exceedance Criteria</i>			14.2

Source: Poverty Status in the Past 12 Months, U.S. Census Bureau 2006-2010 (U.S. Census Bureau 2012a).

Note: Low-income geographic areas identified in the table may not be the same as those identified in the Final EIS dated August 2011. The Final EIS used 1999 ACS data, while this analysis used 2010 ACS data. In some cases, discrepancies are due to changes in demographics between 1999 and 2010. Additional discrepancies can be attributed to the reconfiguration of block groups and census tracts over time. For instance, Valley County, Montana had a small low-income block group surrounded by non-low-income block groups in 1999. In the 2010 ACS, this block group was dissolved into the surrounding groups and therefore lost its low-income designation. Additionally, the Final EIS used analyzed low-income data on a block group level, while the data presented above was analyzed on a census tract level. In several cases, an individual block group was identified as low-income on its own, but its corresponding census tract as a whole was not.

**Table 6 Total Employment by Industry Supported by Construction of the Proposed Project, Montana and South Dakota (average annual jobs)**

<b>Industry</b>	<b>Montana<sup>a</sup></b>			<b>South Dakota<sup>a</sup></b>		
	<b>Current (2010) Jobs<sup>b</sup></b>	<b>Total Effects of Proposed Project Jobs<sup>b</sup></b>	<b>Share of 2010</b>	<b>Current (2010) Jobs<sup>b</sup></b>	<b>Total Effects of Proposed Project Jobs<sup>b</sup></b>	<b>Share of 2010</b>
Farm	28,817	4	0.0%	31,776	3	0.0%
Forestry, Fisheries & Support, including Farm Support	6,796	4	0.1%	4,682	2	0.0%
Mining	10,367	5	0.0%	1,983	3	0.1%
Utilities	3,169	11	0.4%	2,180	10	0.4%
Construction	41,684	357	0.9%	32,217	319	1.0%
Manufacturing	20,470	109	0.5%	39,151	114	0.3%
Trade	88,794	441	0.5%	83,456	446	0.5%
Transportation & Warehousing	17,651	216	1.2%	15,003	198	1.3%
Information	9,019	49	0.5%	7,636	37	0.5%
Finance & Insurance	26,207	154	0.6%	37,772	186	0.5%
Real estate & rental	29,121	200	0.7%	17,989	163	0.9%
Professional Services & Management of Companies	35,442	619	1.7%	23,329	521	2.2%
Administrative & Waste Services (private only)	27,061	169	0.6%	18,942	93	0.5%
Educational Services (private only)	7,923	17	0.2%	10,283	13	0.1%
Health & Social Services (private only)	68,321	169	0.2%	64,695	135	0.2%
Arts, Entertainment & Recreation Services	18,508	55	0.3%	11,309	31	0.3%
Accommodations & Food Services	49,696	872	1.8%	40,406	977	2.4%
Other Services	37,417	173	0.5%	28,043	165	0.6%
Government & Government Enterprises	97,185	30	0.0%	85,615	31	0.0%
<b>Total</b>	<b>623,648</b>	<b>3,656</b>	<b>0.6%</b>	<b>556,467</b>	<b>3,443</b>	<b>0.6%</b>

<sup>a</sup> Excludes jobs held by non-residents of the state as part of a temporary construction workforce.

<sup>b</sup> Includes full-time and part-time jobs by place of work.

Note: Values less than 0.1 percent are expressed as 0.0 percent.

**Table 7 Total Employment by Industry Supported by Construction of the Proposed Project, Nebraska (average annual jobs)**

Industry	Economic Corridor Only <sup>a</sup>			State Total <sup>a</sup>		
	Current (2010) Jobs <sup>b</sup>	Total Effects of Proposed Project Jobs <sup>b</sup>	Share of 2010	Current (2010) Jobs <sup>b</sup>	Total Effects of Proposed Project Jobs <sup>b</sup>	Share of 2010
Farm	12,984	0	0.0%	51,567	3	0.0%
Forestry, Fisheries & Support, including Farm Support	720	0	0.0%	9,472	1	0.0%
Mining	222	0	0.0%	2,628	4	0.1%
Utilities	202	1	0.3%	1,826	2	0.1%
Construction	8,445	7	0.1%	64,391	274	0.4%
Manufacturing	22,199	4	0.0%	95,145	170	0.2%
Trade	27,520	94	0.3%	173,609	542	0.3%
Transportation & Warehousing	6,728	10	0.1%	60,617	231	0.4%
Information	1,362	13	1.0%	19,126	52	0.3%
Finance & Insurance	9,763	22	0.2%	80,292	221	0.3%
Real estate & rental	3,875	11	0.3%	37,301	226	0.6%
Professional Services & Management of Companies	4,644	21	0.4%	78,819	569	0.7%
Administrative & Waste Services (private only)	6,611	35	0.5%	57,148	207	0.4%
Educational Services (private only)	1,682	2	0.1%	22,816	25	0.1%
Health & Social Services (private only)	16,736	31	0.2%	130,815	220	0.2%
Arts, Entertainment & Recreation Services	2,131	8	0.4%	21,856	48	0.2%
Accommodations & Food Services	8,488	1,146	13.5%	74,246	1,390	1.9%
Other Services	8,541	23	0.3%	66,935	207	0.3%
Government & Government Enterprises	24,342	19	0.1%	177,058	57	0.0%
Total	167,195	1,446	0.9%	1,225,667	4,448	0.4%

<sup>a</sup>Excludes jobs held by non-residents of the state as part of a temporary construction workforce.

<sup>b</sup>Includes full-time and part-time jobs by place of work.

Note: Values less than 0.1 percent are expressed as 0.0 percent.

**Table 8 Total Employment by Industry Supported by Construction of the Proposed Project, Kansas and the United States (average annual jobs)**

Industry	Kansas <sup>a</sup>			United States <sup>c</sup>		
	Current (2010) Jobs <sup>b</sup>	Total Effects of Proposed Project Jobs <sup>b</sup>	Share of 2010	Current (2010) Jobs <sup>b</sup>	Total Effects of Proposed Project Jobs <sup>b</sup>	Share of 2010
Farm	65,033	0	0.00%	2,665,000	285	0.01%
Forestry, Fisheries & Support, including Farm Support	8,792	0	0.00%	835,800	117	0.01%
Mining	32,021	1	0.00%	1,185,500	288	0.02%
Utilities	8,006	1	0.02%	579,000	139	0.02%
Construction	85,945	22	0.03%	8,914,200	6,801	0.08%
Manufacturing	166,804	10	0.01%	12,206,900	4,552	0.04%
Trade	244,410	38	0.02%	23,808,200	4,364	0.02%
Transportation & Warehousing	55,368	8	0.01%	5,504,400	2,033	0.04%
Information	33,237	6	0.02%	3,210,700	573	0.02%
Finance & Insurance	96,177	17	0.02%	9,651,300	2,177	0.02%
Real estate & rental	56,979	10	0.02%	7,459,200	1,608	0.02%
Professional Services & Management of Companies	109,768	51	0.05%	13,765,700	5,065	0.04%
Administrative & Waste Services (private only)	94,824	21	0.02%	10,478,800	2,317	0.02%
Educational Services (private only)	25,896	2	0.01%	4,076,600	460	0.01%
Health & Social Services (private only)	188,923	17	0.01%	19,062,300	2,717	0.01%
Arts, Entertainment & Recreation Services	27,441	4	0.01%	3,777,100	634	0.02%
Accommodations & Food Services	109,251	181	0.17%	12,048,000	5,749	0.05%
Other Services	93,614	18	0.02%	9,858,700	1,794	0.02%
Government & Government Enterprises	302,753	4	0.00%	24,680,000	400	0.00%
Total	1,805,242	412	0.02%	173,767,400	42,073	0.02%

<sup>a</sup>Excludes jobs held by non-residents of the state as part of a temporary construction workforce.<sup>b</sup>Includes full-time and part-time jobs by place of work.<sup>c</sup>Includes all full-time and part-time jobs regardless of location within U.S.

Note: Values less than 0.01 percent are expressed as 0.00 percent.



**Table 9 Total Earnings by Industry Supported by Construction of the Proposed Project, Montana and South Dakota (thousands of 2010 dollars)**

Industry	Montana <sup>a</sup>			South Dakota <sup>a</sup>		
	Current (2010) \$1,000 <sup>b</sup>	Total Effects of Proposed Project \$1,000 <sup>b</sup>	Share of 2010	Current (2010) \$1,000 <sup>b</sup>	Total Effects of Proposed Project \$1,000 <sup>b</sup>	Share of 2010
Farm	584,113	57	0.0%	2,408,458	173	0.0%
Forestry, Fisheries & Support, including Farm Support	162,574	125	0.1%	121,559	45	0.0%
Mining	664,002	306	0.0%	54,975	122	0.2%
Utilities	354,376	1,309	0.4%	199,052	915	0.5%
Construction	1,711,999	17,037	1.0%	1,346,264	15,465	1.1%
Manufacturing	1,031,332	5,198	0.5%	1,990,690	6,046	0.3%
Trade	2,885,777	14,597	0.5%	2,813,605	14,961	0.5%
Transportation & Warehousing	913,007	10,779	1.2%	699,904	9,878	1.4%
Information	393,005	2,167	0.6%	345,770	1,597	0.5%
Finance & Insurance	1,068,898	6,726	0.6%	1,537,041	7,934	0.5%
Real estate & rental	363,157	3,471	1.0%	291,665	2,580	0.9%
Professional Services & Management of Companies	1,586,798	30,568	1.9%	1,227,650	23,493	1.9%
Administrative & Waste Services (private only)	696,111	4,030	0.6%	452,286	1,986	0.4%
Educational Services (private only)	144,888	356	0.2%	236,258	324	0.1%
Health & Social Services (private only)	3,163,291	7,830	0.2%	3,165,948	6,757	0.2%
Arts, Entertainment & Recreation Services	294,479	582	0.2%	249,821	578	0.2%
Accommodations & Food Services	929,225	13,959	1.5%	689,960	14,515	2.1%
Other Services	1,002,215	6,046	0.6%	804,951	5,469	0.7%
Government & Government Enterprises	5,441,042	2,024	0.0%	4,332,428	1,752	0.0%
Total	23,390,289	127,167	0.5%	22,968,285	114,592	0.5%

<sup>a</sup> Excludes labor earnings by non-residents of the state as part of a temporary construction workforce.<sup>b</sup> Labor earnings by place of work.

Note: Values less than 0.1 percent are expressed as 0.0 percent.

**Table 10 Total Earnings by Industry Supported by Construction of the Proposed Project, Nebraska (thousands of 2010 dollars)**

Industry	Economic Corridor Only <sup>a</sup>			State Total <sup>a</sup>		
	Current (2010) \$1,000 <sup>b</sup>	Total Effects of Proposed Project \$1,000 <sup>b</sup>	Share of 2010	Current (2010) \$1,000 <sup>b</sup>	Total Effects of Proposed Project \$1,000 <sup>b</sup>	Share of 2010
Farm	943,803	34	0.0%	3,440,216	221	0.0%
Forestry, Fisheries & Support, including Farm Support	27484	1	0.0%	214,327	17	0.0%
Mining	8492	1	0.0%	80,108	256	0.3%
Utilities	7502	173	2.3%	445,391	564	0.1%
Construction	324,147	241	0.1%	3,213,079	12,950	0.4%
Manufacturing	858,253	170	0.0%	5,364,786	8,256	0.2%
Trade	885,391	2,377	0.3%	6,097,694	18,070	0.3%
Transportation & Warehousing	256,548	300	0.1%	3,882,163	11,071	0.3%
Information	52,033	399	0.8%	1,201,778	2,447	0.2%
Finance & Insurance	373,751	773	0.2%	3,999,558	10,365	0.3%
Real estate & rental	146,566	105	0.1%	558,859	3,237	0.6%
Professional Services & Management of Companies	178,370	802	0.4%	5,239,812	34,835	0.7%
Administrative & Waste Services (private only)	254,627	645	0.3%	1,594,970	5,164	0.3%
Educational Services (private only)	64,672	56	0.1%	675,835	825	0.1%
Health & Social Services (private only)	641,016	1,200	0.2%	6,025,929	10,162	0.2%
Arts, Entertainment & Recreation Services	81,677	58	0.1%	297,175	515	0.2%
Accommodations & Food Services	325,337	15,177	4.7%	1,246,801	19,509	1.6%
Other Services	255,919	649	0.3%	1,949,269	6,698	0.3%
Government & Government Enterprises	1,181,348	1,351	0.1%	10,000,089	4,228	0.0%
Total	6,866,936	24,512	0.4%	55,527,839	149,391	0.3%

<sup>a</sup> Excludes labor earnings by non-residents of the state as part of a temporary construction workforce.<sup>b</sup> Labor earnings by place of work.

Note: Values less than 0.1 percent are expressed as 0.0 percent.

**Table 11 Total Earnings by Industry Supported by Construction of the Proposed Project, Kansas and the United States (thousands of 2010 dollars)**

Industry	Kansas <sup>a</sup>			United States <sup>c</sup>		
	Current (2010) \$1,000 <sup>b</sup>	Total Effects of Proposed Project \$1,000 <sup>b</sup>	Share of 2010	Current (2010) \$1,000 <sup>b</sup>	Total Effects of Proposed Project \$1,000 <sup>b</sup>	Share of 2010
Farm	2,219,064	12	0.00%	77,215,000	7,359	0.01%
Forestry, Fisheries & Support, including Farm Support	317,548	2	0.00%	22,548,000	3,783	0.02%
Mining	785,580	37	0.00%	83,081,000	28,313	0.03%
Utilities	880,257	148	0.02%	73,306,000	18,384	0.03%
Construction	4,192,163	1,241	0.03%	479,541,000	419,524	0.09%
Manufacturing	11,213,965	508	0.00%	891,607,000	308,871	0.03%
Trade	9,438,679	1,327	0.01%	1,009,713,000	172,076	0.02%
Transportation & Warehousing	2,826,797	419	0.01%	295,408,000	110,426	0.04%
Information	2,358,672	411	0.02%	294,252,000	40,145	0.01%
Finance & Insurance	4,510,213	758	0.02%	647,655,000	131,448	0.02%
Real estate & rental	976,644	245	0.03%	148,119,000	31,172	0.02%
Professional Services & Management of Companies	6,796,877	3,061	0.05%	1,110,322,000	343,272	0.03%
Administrative & Waste Services (private only)	3,164,252	608	0.02%	353,648,000	71,111	0.02%
Educational Services (private only)	677,054	60	0.01%	146,724,000	18,000	0.01%
Health & Social Services (private only)	8,892,311	796	0.01%	1,000,258,000	141,050	0.01%
Arts, Entertainment & Recreation Services	338,006	40	0.01%	100,953,000	13,551	0.01%
Accommodations & Food Services	2,113,273	3,350	0.16%	278,844,000	103,320	0.04%
Other Services	2,992,088	724	0.02%	330,361,000	62,097	0.02%
Government & Government Enterprises	16,849,447	257	0.00%	1,642,674,000	29,876	0.00%
Total	81,542,890	14,002	0.02%	8,986,229,000	2,053,778	0.02%

<sup>a</sup> Excludes labor earnings by non-residents of the state as part of a temporary construction workforce.<sup>b</sup> Labor earnings by place of work.<sup>c</sup> Includes all labor earnings regardless of location within U.S.

Note: Values less than 0.01 percent are expressed as 0.00 percent.

**Table 12 Designated HPSAs and MUA/Ps with Identified Minority and/or Low-Income Populations within the Socioeconomic Analysis Area**

County	Total Number of Census Block Groups Assessed	Census Block Groups Containing One or More Identified Minority Populations	Total Number of Census Tracts Assessed	Census Tracts Containing One or More Identified Low-Income Populations	Health Professional Shortage Areas (HPSA) <sup>a</sup>		Medically Underserved Areas/ Populations (MUA/P) <sup>d</sup>
					Designation Name / Facility Location <sup>b</sup>	Geographic Area or Facility Type <sup>c</sup> (P= Primary Medical Care; D= Dental; M = Mental Health)	Designation Name
Montana							
Phillips	1	1	1	0	Phillips Eastern Montana	Single County (P, D) Geographical Area (M)	Phillips Service Area
Valley	5	3	2	0	Low-Income – Valley Eastern Montana	Population Group (P) Geographical Area (M)	Valley Service Area
McCone	2	0	1	0	McCone Low-Income – Glendive Eastern Montana	Single County (P) Population Group (D) Geographical Area (M)	McCone County
Dawson	2	0	1	0	Low-Income – Glendive Eastern Montana	Population Group (D) Geographical Area (M)	NA
Prairie	1	0	1	0	Prairie Low-Income – Miles City	Single County (P) Population Group (D)	Miles City Service Area
					Low-Income – Glendive Eastern Montana	Population Group (D) Geographic Area (M)	
Fallon	3	1	1	0	Low-Income – Fallon Fallon/Ekalaka Eastern Montana	Population Group (P) Geographical Area (D) Geographical Area (M)	Baker Service Area

**Table 12 Designated HPSAs and MUA/Ps with Identified Minority and/or Low-Income Populations within the Socioeconomic Analysis Area**

County	Total Number of Census Block Groups Assessed	Census Block Groups Containing One or More Identified Minority Populations	Total Number of Census Tracts Assessed	Census Tracts Containing One or More Identified Low-Income Populations	Health Professional Shortage Areas (HPSA) <sup>a</sup>		Medically Underserved Areas/ Populations (MUA/P) <sup>d</sup>
					Designation Name / Facility Location <sup>b</sup>	Geographic Area or Facility Type <sup>c</sup> (P= Primary Medical Care; D= Dental; M = Mental Health)	Designation Name
Carter	2	0	1	0	Low-Income – Fallon Low-Income – Miles City  Fallon/Ekalaka Eastern Montana	Population Group (P) Population Group (D)  Geographical Area (D)  Geographical Area (M)	Baker Service Area
<i>Subtotal Montana</i>	<i>16</i>	<i>5</i>	<i>8</i>	<i>0</i>			
<b>South Dakota</b>							
Harding	1	0	1	0	Harding	Single County (P,D,M)	Harding Service Area
Butte	1	1	1	1	Newell Butte	Geographical Area (P) Single County (M)	Butte Service Area
Perkins	1	1	1	1	Faith Lemmon (SD/ND) Perkins Catchment Area 8	Geographical Area (P)  Single County (D) Geographical Area (M)	Perkins County
Meade	2	0	1	0	Faith Lawrence and Meade Counties	Geographical Area (P,D) Geographical Area (M)	Bellefourche- Cheyennevunorg Service Area
Ziebach	1	1	1	1	Ziebach Catchment Area 8	Single County (P,D,M) Geographical Area (M)	Ziebach Service Area

**Table 12 Designated HPSAs and MUA/Ps with Identified Minority and/or Low-Income Populations within the Socioeconomic Analysis Area**

County	Total Number of Census Block Groups Assessed	Census Block Groups Containing One or More Identified Minority Populations	Total Number of Census Tracts Assessed	Census Tracts Containing One or More Identified Low-Income Populations	Health Professional Shortage Areas (HPSA) <sup>a</sup>		Medically Underserved Areas/ Populations (MUA/P) <sup>d</sup>
					Designation Name / Facility Location <sup>b</sup>	Geographic Area or Facility Type <sup>c</sup> (P= Primary Medical Care; D= Dental; M = Mental Health)	Designation Name
Pennington	1	1	1	0	Community Health Center of Black Hill Rapid City HS Indian Health Hospital Wall Service Area	Comprehensive Health Center (P,D,M) Indian Health Service Facility (P,D,M) Geographical Area (P)	New Underwood Service Area Pennington Service Area
Haakon	1	0	1	0	Phillip Clinic  Low-Income – Haakon County Catchment Area 2	Rural Health Clinic (P,D,M) Population Group (P)  Geographical Area (M)	Unorg. Terr. of West Haakon County
Jones	1	0	1	0	Jones Catchment Area 2	Single County (P,D) Geographical Area (M)	Jones Service Area
Lyman	1	0	1	0	Lyman Lower Brule Sioux Tribe  Catchment Area 2	Single County (P,D) Native American Tribal Population (P,D,M) Geographical Area (M)	Lyman Service Area
Tripp	5	4	2	1	Low-Income – Tripp County Tripp Catchment Area 10	Population Group (P)  Single County (D) Geographical Area (M)	Tripp Service Area

**Table 12 Designated HPSAs and MUA/Ps with Identified Minority and/or Low-Income Populations within the Socioeconomic Analysis Area**

County	Total Number of Census Block Groups Assessed	Census Block Groups Containing One or More Identified Minority Populations	Total Number of Census Tracts Assessed	Census Tracts Containing One or More Identified Low-Income Populations	Health Professional Shortage Areas (HPSA) <sup>a</sup>		Medically Underserved Areas/ Populations (MUA/P) <sup>d</sup>
					Designation Name / Facility Location <sup>b</sup>	Geographic Area or Facility Type <sup>c</sup> (P= Primary Medical Care; D= Dental; M = Mental Health)	Designation Name
Gregory	1	1	1	0	Fairfax Service Area Bonesteel Medical Clinic Burke Medical Clinic Low-Income – Gregory County Catchment Area 10	Geographical Area (P) Rural Health Clinic (P) Rural Health Clinic (P) Population Group (D) Geographical Area (M)	Gregory Service Area
<i>Subtotal South Dakota</i>	<i>16</i>	<i>9</i>	<i>12</i>	<i>4</i>			
<b>Nebraska</b>							
Keya Paha	1	0	1	1	Keya Paha Catchment Area 4	Single County (P) Geographical Area (M)	Keya Paha Service Area
Boyd	1	0	1	0	Catchment Area 4	Geographical Area (M)	Boyd Service Area

**Table 12 Designated HPSAs and MUA/Ps with Identified Minority and/or Low-Income Populations within the Socioeconomic Analysis Area**

County	Total Number of Census Block Groups Assessed	Census Block Groups Containing One or More Identified Minority Populations	Total Number of Census Tracts Assessed	Census Tracts Containing One or More Identified Low-Income Populations	Health Professional Shortage Areas (HPSA) <sup>a</sup>		Medically Underserved Areas/ Populations (MUA/P) <sup>d</sup>
					Designation Name / Facility Location <sup>b</sup>	Geographic Area or Facility Type <sup>c</sup> (P= Primary Medical Care; D= Dental; M = Mental Health)	Designation Name
Holt	5	0	4	0	West Holt Medical Center	Rural Health Clinic (P,D)	Holt Service Area
					Greater Sandhills Family Healthcare	Rural Health Clinic (P,D)	
					Greater Sandhills Family Healthcare – Stuart	Rural Health Clinic (P,D)	
					Avera O’Neill Family Medicine	Rural Health Clinic (P,D)	
					Avera Holt County Medical Clinic	Rural Health Clinic (P,D)	
					Catchment Area 4	Geographical Area (M)	
Antelope	4	0	2	0	Catchment Area 4	Geographical Area (M)	Antelope Service Area
Boone	3	0	1	0	Boone County Medical Clinic	Rural Health Clinic (P)	Boone Service Area
					Catchment Area 4	Geographical Area (M)	



**Table 12 Designated HPSAs and MUA/Ps with Identified Minority and/or Low-Income Populations within the Socioeconomic Analysis Area**

County	Total Number of Census Block Groups Assessed	Census Block Groups Containing One or More Identified Minority Populations	Total Number of Census Tracts Assessed	Census Tracts Containing One or More Identified Low-Income Populations	Health Professional Shortage Areas (HPSA) <sup>a</sup>		Medically Underserved Areas/ Populations (MUA/P) <sup>d</sup>
					Designation Name / Facility Location <sup>b</sup>	Geographic Area or Facility Type <sup>c</sup> (P= Primary Medical Care; D= Dental; M = Mental Health)	Designation Name
Nance	2	0	1	0	Nance Nance County Medical Clinic Park Street Medical Clinic Lone Tree Medical Associates - Fullerton  Catchment Area 4	Single County (P) Rural Health Clinic (P)  Rural Health Clinic (P,D,M) Rural Health Clinic (P,D,M) Geographical Area (M)	Genoa Service Area
Merrick	2	0	1	0	Lone Tree Medical Associates, P.C. Mental Health Catchment Area 3	Rural Health Clinic (P,D,M) Geographical Area (M)	Clarksville Service Area Loup Service Area
Polk	2	0	2	0	Mental Health Catchment Area 5	Geographical Area (M)	Polk Service Area
York	3	1	3	0	Mental Health Catchment Area 5	Geographical Area (M)	NA
Fillmore	2	0	1	0	Fillmore County Medical Center, P.C. Mental Health Catchment Area 5	Rural Health Clinic (P,D)  Geographical Area (M)	Fillmore Service Area
Saline	2	0	1	0	Mental Health Catchment Area 5	Geographical Area (M)	Saline Service Area

**Table 12 Designated HPSAs and MUA/Ps with Identified Minority and/or Low-Income Populations within the Socioeconomic Analysis Area**

County	Total Number of Census Block Groups Assessed	Census Block Groups Containing One or More Identified Minority Populations	Total Number of Census Tracts Assessed	Census Tracts Containing One or More Identified Low-Income Populations	Health Professional Shortage Areas (HPSA) <sup>a</sup>		Medically Underserved Areas/ Populations (MUA/P) <sup>d</sup>
					Designation Name / Facility Location <sup>b</sup>	Geographic Area or Facility Type <sup>c</sup> (P= Primary Medical Care; D= Dental; M = Mental Health)	Designation Name
Jefferson	3	0	1	0	Medicaid Eligible – Jefferson County Mental Health Catchment Area 5	Population Group (D)  Geographical Area (M)	Fairbury City – County
<i>Subtotal Nebraska</i>	<i>30</i>	<i>1</i>	<i>19</i>	<i>1</i>			
<b>Kansas</b>							
Clay	4	0	2	0	Clay Center Family Physicians Low-Income – Clay County Mental Health Area 14	Rural Health Clinic (P,D,M) Population Group (P,D)  Geographical Area (M)	Low-Income – Clay County
Butler	2	1	2	0	El Dorado Clinic August Family Practice  El Dorado Correctional Facility Mental Health Catchment Area 17 – Butler County	Rural Health Clinic (P) Rural Health Clinic (P,D,M) Correctional Facility (P,D,M) Geographical Area (M)	Butler Service Area
<i>Subtotal Kansas</i>	<i>6</i>	<i>1</i>	<i>4</i>	<i>0</i>			

**Table 12      Designated HPSAs and MUA/Ps with Identified Minority and/or Low-Income Populations within the Socioeconomic Analysis Area**

Source: Health Resources and Services Administration (HRSA) 2012.

Note: Any differences between this table and the Final EIS (August 26, 2011) are due to changes in HPSA and MUA/P over time.

<sup>a</sup> Health Professional Shortage Areas (HPSAs) are designated by HRSA as having shortages of primary medical care, dental or mental health providers and may be geographic (a county or service area), demographic (low income population) or institutional (comprehensive health center, federally qualified health center or other. public facility).

<sup>b</sup> Satellite sites of Comprehensive Health Centers automatically assume the HPSA score of the affiliated grantee. They are not listed separately.

<sup>c</sup> Geographic Single County is defined as a whole county designated as HPSA; Geographic Service Areas are portions of a county, or portions of multiple counties, designated as a geographic HPSA; Population Groups are defined as a population within an area that is designated as a HPSA; Correctional Institutions are federal and state prisons and youth detention facilities; Rural Health Clinics are certified as Rural Health Clinics by the Centers for Medicare and Medicaid Services; Indian Health Service sites serve Federally Recognized tribes.

<sup>d</sup> Medically Underserved Areas/Populations are areas or populations designated by HRSA as having: too few primary care providers, high infant mortality, high poverty, and/or high elderly population.

## Memo 13      Electrical Cost Estimate

### Memo to File

**From:** Bryn Pittinger, ERM; Clive Graham, ERM

**Subject:** Keystone Pipeline – Electrical Cost Estimate

**Date:** October 15, 2012

The purpose of this memo is to document estimated costs for installing electrical lines and substations needed for the Keystone Pipeline. These costs will be used in the economic modeling to estimate the Project's employment and economic effects.

### Electrical Lines

#### Cost Estimate

The construction costs for installing electrical lines are presented by electrical rating in the table below. Environmental<sup>1</sup>, engineering, and right-of-way acquisition costs are not included. Electrical lines are associated with pump stations in each state and with the Big Bend/Witten connected action. The Nebraska electrical line and Bakken Marketlink connected action information will be added once additional data is received.

	69-kV @ \$0.3MM/mi		115-kV @ \$0.6MM/mi		230-kV @ \$1.5MM/mi		Total
	Length (miles)	Cost (\$MM)	Length (miles)	Cost (\$MM)	Length (miles)	Cost (\$MM)	Cost (\$MM)
<b>Project</b>							
Montana	0.0	\$0.0	135.6	\$81.4	0.2	\$0.3	\$81.7
South Dakota	0.0	\$0.0	159.1	\$95.5	0.0	\$0.0	\$95.5
Nebraska – North	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Nebraska – Central/South	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Kansas	0.0	\$0.0	13.5	\$8.1	0.0	\$0.0	\$8.1
<b>Connected Actions</b>							
Big Bend/Witten	0.0	\$0.0	0.0	\$0.0	72.1	\$108.2	\$108.2
Bakken Marketlink	TBD	TBD	TBD	TBD	TBD	TBD	TBD

kV = kilovolts, MM = million, mi = mile, TBD = to be determined,

<sup>1</sup> This term is understood to include all environmental costs associated with the construction including, but not limited to, EIS, permitting, erosion controls, and post-construction restoration.

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### Methodology

Cost estimates from various internet sources in the table below were estimated and rounded to obtain the construction costs per mile.

Source	69-kV Cost (\$1,000/mi)	115-kV Cost (\$1,000/mi)	230-kV Cost (\$1,000/mi)
Lincoln Electric System	N/A	\$550	N/A
National Council on Electricity Policy	\$285	\$390	N/A
Otter Tail Power Company	N/A	\$400	N/A
Pacific Gas and Electric	N/A	\$990	\$1,425
PJM	N/A	N/A	\$2,000
Public Service Commission of WI	\$285	N/A	N/A
Western Electricity Coordinating Council	N/A	N/A	\$1,500
Rounded Average	\$300	\$600	\$1,500

kV = kilovolts, mi = mile, N/A = not applicable

### Substations

#### Cost Estimate

The construction costs for installing substations are presented by electrical rating in the table below. Environmental<sup>1</sup>, engineering, land acquisition costs are not included. Substations are associated with pump stations in each state and with the Big Bend/Witten connected action. A transformer is included as part of the estimate for each substation<sup>2</sup>. The Nebraska electrical line and Bakken Marketlink connected action information will be added once additional data is received.

<sup>2</sup> The Final EIS (August 26, 2011) specifies that the pump stations will have 20/27/33-MVA transformers. Until additional information is provided, connected action substations are assumed to include standard-sized transformers for transmission lines (e.g. 200-MVA).

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	<b>69-kV @ \$6MM/substation</b>		<b>115-kV @ \$6MM/substation</b>		<b>230-kV @ \$11MM/substation</b>		<b>Total</b>
	<b>Quantity</b>	<b>Cost (\$MM)</b>	<b>Quantity</b>	<b>Cost (\$MM)</b>	<b>Quantity</b>	<b>Cost (\$MM)</b>	<b>Cost (\$MM)</b>
<b>Project</b>							
Montana	0	\$0.0	5	\$30.0	1	\$11.0	<b>\$41.0</b>
South Dakota	0	\$0.0	7	\$42.0	0	\$0.0	<b>\$42.0</b>
Nebraska – North	TBD	TBD	TBD	TBD	TBD	TBD	<b>TBD</b>
Nebraska – Central/South	TBD	TBD	TBD	TBD	TBD	TBD	<b>TBD</b>
Kansas	0	\$0.0	2	\$12.0	0	\$0.0	<b>\$12.0</b>
<b>Connected Actions</b>							
Big Bend/Witten	0	\$0.0	0	\$0.0	2	\$22.0	<b>\$22.0</b>
Bakken Marketlink	TBD	TBD	TBD	TBD	TBD	TBD	<b>TBD</b>

kV = kilovolts, MM = million, TBD = to be determined

**Methodology**

The table below contains cost estimates from various internet sources that were averaged and rounded to obtain the construction costs for each substation type. Cost estimates for a 69-kV substation could not be found, so it was treated as a 115-kV substation.

<b>Source</b>	<b>115-kV Cost (\$MM/substation)</b>	<b>230-kV Cost (\$MM/substation)</b>
Enmax Corp.	\$5.5	N/A
Pacific Gas and Electric	\$9.0	\$11.0
Pacific Northwest National Laboratory	\$3.0	\$12.0
Western Area Power Administration	\$5.0	N/A
Western Electricity Coordinating Council	N/A	\$8.2
<b>Rounded Average</b>	<b>\$6.0</b>	<b>\$11.0</b>

kV = kilovolts, MM = million, N/A = not applicable

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- Nebraska Public Services Commission
- Platts
- South Dakota Public Utilities Commission
- Utility Data Institute (UDI)



**Table 14**      **Total Employment by Industry Supported by Construction of the Bakken MarketLink, Montana (average annual jobs)**

<b>Industry</b>	<b>Montana<sup>a</sup></b>		
	<b>Current (2010) Jobs<sup>b</sup></b>	<b>Total Effects of Proposed Project Jobs<sup>b</sup></b>	<b>Share of 2010</b>
Farm	28,817	0	0.00%
Forestry, Fisheries & Support, including Farm Support	6,796	1	0.01%
Mining	10,367	1	0.01%
Utilities	3,169	1	0.02%
Construction**	41,684	35	0.08%
Manufacturing	20,470	5	0.03%
Trade	88,794	30	0.03%
Transportation & Warehousing	17,651	5	0.03%
Information	9,019	3	0.04%
Finance & Insurance	26,207	11	0.04%
Real estate & rental	29,121	20	0.07%
Professional Services & Management of Companies	35,442	49	0.14%
Administrative & Waste Services (private only)	27,061	11	0.04%
Educational Services (private only)	7,923	1	0.02%
Health & Social Services (private only)	68,321	13	0.02%
Arts, Entertainment & Recreation Services	18,508	4	0.02%
Accommodations & Food Services	49,696	13	0.03%
Other Services	37,417	15	0.04%
Government & Government Enterprises	97,185	1	0.00%
<b>Total</b>	<b>623,648</b>	<b>220</b>	<b>0.04%</b>

<sup>a</sup> Excludes jobs held by non-residents of the state as part of a temporary construction workforce.

<sup>b</sup> Includes full-time and part-time jobs by place of work.

Note: Values less than 0.01 percent are expressed as 0.00 percent.

**Table 15**      **Total Employment by Industry Supported by Construction of the Bakken MarketLink, United States (average annual jobs)**

<b>Industry</b>	<b>United States<sup>b</sup></b>		
	<b>Current (2010) Jobs<sup>a</sup></b>	<b>Total Effects of Proposed Project Jobs<sup>a</sup></b>	<b>Share of 2010</b>
Farm	2,665,000	6	0.000%
Forestry, Fisheries & Support, including Farm Support	835,800	3	0.000%
Mining	1,185,500	5	0.000%
Utilities	579,000	3	0.001%
Construction	8,914,200	272	0.003%
Manufacturing	12,206,900	96	0.001%
Trade	23,808,200	104	0.000%
Transportation & Warehousing	5,504,400	25	0.000%
Information	3,210,700	15	0.000%
Finance & Insurance	9,651,300	53	0.001%
Real estate & rental	7,459,200	45	0.001%
Professional Services & Management of Companies	13,765,700	138	0.001%
Administrative & Waste Services (private only)	10,478,800	60	0.001%
Educational Services (private only)	4,076,600	12	0.000%
Health & Social Services (private only)	19,062,300	74	0.000%
Arts, Entertainment & Recreation Services	3,777,100	17	0.000%
Accommodations & Food Services	12,048,000	56	0.000%
Other Services	9,858,700	46	0.000%
Government & Government Enterprises	24,680,000	8	0.000%
<b>Total</b>	<b>173,767,400</b>	<b>1,038</b>	<b>0.001%</b>

<sup>a</sup> Includes full-time and part-time jobs by place of work.<sup>b</sup> Includes all full-time and part-time jobs regardless of location within U.S.

Note: Values less than 0.001 percent are expressed as 0.000 percent.

**Table 16 Total Earnings by Industry Supported by Construction of the Bakken MarketLink, Montana (thousands of 2010 dollars)**

<b>Industry</b>	<b>Montana<sup>a</sup></b>		
	<b>Current (2010) \$1,000<sup>b</sup></b>	<b>Total Effects of Proposed Project \$1,000<sup>b</sup></b>	<b>Share of 2010</b>
Farm	584,113	7	0.00%
Forestry, Fisheries & Support, including Farm Support	162,574	26	0.02%
Mining	664,002	53	0.01%
Utilities	354,376	96	0.03%
Construction	1,711,999	2,168	0.13%
Manufacturing	1,031,332	266	0.03%
Trade	2,885,777	1,099	0.04%
Transportation & Warehousing	913,007	984	0.11%
Information	393,005	173	0.04%
Finance & Insurance	1,068,898	515	0.05%
Real estate & rental	363,157	360	0.10%
Professional Services & Management of Companies	1,586,798	2,613	0.16%
Administrative & Waste Services (private only)	696,111	299	0.04%
Educational Services (private only)	144,888	32	0.02%
Health & Social Services (private only)	3,163,291	681	0.02%
Arts, Entertainment & Recreation Services	294,479	47	0.02%
Accommodations & Food Services	929,225	219	0.02%
Other Services	1,002,215	594	0.06%
Government & Government Enterprises	5,441,042	105	0.00%
Total	23,390,289	10,336	0.04%

<sup>a</sup> Excludes labor earnings by non-residents of the state as part of a temporary construction workforce.

<sup>b</sup> Labor earnings by place of work.

Note: Values less than 0.01 percent are expressed as 0.00 percent.

**Table 17 Total Earnings by Industry Supported by Construction of the Bakken MarketLink, United States (thousands of 2010 dollars)**

<b>Industry</b>	<b>United States<sup>b</sup></b>		
	<b>Current (2010) \$1,000<sup>a</sup></b>	<b>Total Effects of Proposed Project \$1,000<sup>a</sup></b>	<b>Share of 2010</b>
Farm	77,215,000	176	0.000%
Forestry, Fisheries & Support, including Farm Support	22,548,000	96	0.000%
Mining	83,081,000	520	0.001%
Utilities	73,306,000	424	0.001%
Construction	479,541,000	17,272	0.004%
Manufacturing	891,607,000	7,678	0.001%
Trade	1,009,713,000	4,467	0.000%
Transportation & Warehousing	295,408,000	2,174	0.001%
Information	294,252,000	1,257	0.000%
Finance & Insurance	647,655,000	3,565	0.001%
Real estate & rental	148,119,000	951	0.001%
Professional Services & Management of Companies	1,110,322,000	9,871	0.001%
Administrative & Waste Services (private only)	353,648,000	2,077	0.001%
Educational Services (private only)	146,724,000	531	0.000%
Health & Social Services (private only)	1,000,258,000	4,312	0.000%
Arts, Entertainment & Recreation Services	100,953,000	389	0.000%
Accommodations & Food Services	278,844,000	1,212	0.000%
Other Services	330,361,000	1,798	0.001%
Government & Government Enterprises	1,642,674,000	654	0.000%
Total	8,986,229,000	59,425	0.001%

<sup>a</sup> Labor earnings by place of work.<sup>b</sup> Includes all labor earnings regardless of location within U.S.

Note: Values less than 0.001 percent are expressed as 0.000 percent.

**Table 18 Total Employment by Industry Supported by Construction of the Big Bend-Witten 230-kV Transmission Line, South Dakota and the United States (average annual jobs)**

Industry	South Dakota <sup>a</sup>			United States <sup>c</sup>		
	Current (2010) Jobs <sup>b</sup>	Total Effects of Proposed Project Jobs <sup>b</sup>	Share of 2010	Current (2010) Jobs <sup>b</sup>	Total Effects of Proposed Project Jobs <sup>b</sup>	Share of 2010
Farm	31,776	0	0.0%	2,665,000	4	0.000%
Forestry, Fisheries & Support, including Farm Support	4,682	0	0.0%	835,800	2	0.000%
Mining	1,983	0	0.0%	1,185,500	5	0.000%
Utilities	2,180	1	0.1%	579,000	2	0.000%
Construction	32,217	471	0.6%	8,914,200	475	0.005%
Manufacturing	39,151	8	0.0%	12,206,900	46	0.000%
Trade	83,456	57	0.1%	23,808,200	84	0.000%
Transportation & Warehousing	15,003	9	0.1%	5,504,400	20	0.000%
Information	7,636	5	0.1%	3,210,700	11	0.000%
Finance & Insurance	37,772	31	0.1%	9,651,300	49	0.001%
Real estate & rental	17,989	19	0.1%	7,459,200	35	0.000%
Professional Services & Management of Companies	23,329	62	0.3%	13,765,700	105	0.001%
Administrative & Waste Services (private only)	18,942	13	0.1%	10,478,800	44	0.000%
Educational Services (private only)	10,283	4	0.0%	4,076,600	8	0.000%
Health & Social Services (private only)	64,695	37	0.1%	19,062,300	56	0.000%
Arts, Entertainment & Recreation Services	11,309	7	0.1%	3,777,100	12	0.000%
Accommodations & Food Services	40,406	28	0.1%	12,048,000	46	0.000%
Other Services	28,043	26	0.1%	9,858,700	39	0.000%
Government & Government Enterprises	85,615	6	0.0%	24,680,000	9	0.000%
Total	556,467	783	0.1%	173,767,400	1,051	0.001%

<sup>a</sup> Excludes jobs held by non-residents of the state as part of a temporary construction workforce.

<sup>b</sup> Includes full-time and part-time jobs by place of work

<sup>c</sup> Includes all full-time and part-time jobs regardless of location within US.

Note: Values less than 0.001 percent are expressed as 0.000 percent.

**Table 19 Total Earnings by Industry Supported by Construction of the Big Bend-Witten 230-kV Transmission Line, South Dakota and the United States (thousands of 2010 dollars)**

Industry	South Dakota <sup>a</sup>			United States <sup>c</sup>		
	Current (2010) \$1,000 <sup>b</sup>	Total Effects of Proposed Project \$1,000 <sup>b</sup>	Share of 2010	Current (2010) \$1,000 <sup>b</sup>	Total Effects of Proposed Project \$1,000 <sup>b</sup>	Share of 2010
Farm	2,408,458	42	0.0%	77,215,000	132	0.000%
Forestry, Fisheries & Support, including Farm Support	121,559	7	0.0%	22,548,000	78	0.000%
Mining	54,975	13	0.0%	83,081,000	453	0.001%
Utilities	199,052	116	0.1%	73,306,000	262	0.000%
Construction	1,346,264	21,486	1.6%	479,541,000	21,692	0.005%
Manufacturing	1,990,690	455	0.0%	891,607,000	3,107	0.000%
Trade	2,813,605	1,806	0.1%	1,009,713,000	2,962	0.000%
Transportation & Warehousing	699,904	370	0.1%	295,408,000	949	0.000%
Information	345,770	204	0.1%	294,252,000	701	0.000%
Finance & Insurance	1,537,041	1,345	0.1%	647,655,000	2,573	0.000%
Real estate & rental	291,665	545	0.2%	148,119,000	930	0.001%
Professional Services & Management of Companies	1,227,650	3,130	0.3%	1,110,322,000	6,508	0.001%
Administrative & Waste Services (private only)	452,286	283	0.1%	353,648,000	1,291	0.000%
Educational Services (private only)	236,258	94	0.0%	146,724,000	248	0.000%
Health & Social Services (private only)	3,165,948	1,821	0.1%	1,000,258,000	2,838	0.000%
Arts, Entertainment & Recreation Services	249,821	116	0.0%	100,953,000	257	0.000%
Accommodations & Food Services	689,960	410	0.1%	278,844,000	790	0.000%
Other Services	804,951	748	0.1%	330,361,000	1,238	0.000%
Government & Government Enterprises	4,332,428	295	0.0%	1,642,674,000	552	0.000%
Total	22,968,285	33,287	0.1%	8,986,229,000	47,563	0.001%

<sup>a</sup> Excludes labor earnings by non-residents of the state as part of a temporary construction workforce.<sup>b</sup> Labor earnings by place of work.<sup>c</sup> Includes all labor earnings regardless of location within U.S.

Note: Values less than 0.001 percent are expressed as 0.000 percent.

**Table 20 Total Employment by Industry Supported by Construction of Electrical Distribution Lines and Substations, Montana and South Dakota (average annual jobs)**

<b>Industry</b>	<b>Montana<sup>a</sup></b>			<b>South Dakota<sup>a</sup></b>		
	<b>Current (2010) Jobs<sup>b</sup></b>	<b>Total Effects of Proposed Project Jobs<sup>b</sup></b>	<b>Share of 2010</b>	<b>Current (2010) Jobs<sup>b</sup></b>	<b>Total Effects of Proposed Project Jobs<sup>b</sup></b>	<b>Share of 2010</b>
Farm	28,817	1	0.0%	31,776	1	0.0%
Forestry, Fisheries & Support, including Farm Support	6,796	1	0.0%	4,682	0	0.0%
Mining	10,367	1	0.0%	1,983	0	0.0%
Utilities	3,169	2	0.1%	2,180	1	0.1%
Construction	41,684	574	1.4%	32,217	592	1.8%
Manufacturing	20,470	13	0.1%	39,151	11	0.0%
Trade	88,794	76	0.1%	83,456	73	0.1%
Transportation & Warehousing	17,651	16	0.1%	15,003	12	0.1%
Information	9,019	8	0.1%	7,636	6	0.1%
Finance & Insurance	26,207	30	0.1%	37,772	36	0.1%
Real estate & rental	29,121	35	0.1%	17,989	21	0.1%
Professional Services & Management of Companies	35,442	111	0.3%	23,329	67	0.3%
Administrative & Waste Services (private only)	27,061	31	0.1%	18,942	15	0.1%
Educational Services (private only)	7,923	6	0.1%	10,283	4	0.0%
Health & Social Services (private only)	68,321	53	0.1%	64,695	43	0.1%
Arts, Entertainment & Recreation Services	18,508	13	0.1%	11,309	8	0.1%
Accommodations & Food Services	49,696	41	0.1%	40,406	33	0.1%
Other Services	37,417	38	0.1%	28,043	34	0.1%
Government & Government Enterprises	97,185	6	0.0%	85,615	6	0.0%
<b>Total</b>	<b>623,648</b>	<b>1,053</b>	<b>0.2%</b>	<b>556,467</b>	<b>963</b>	<b>0.2%</b>

<sup>a</sup> Excludes jobs held by non-residents of the state as part of a temporary construction workforce.

<sup>b</sup> Includes full-time and part-time jobs by place of work.

Note: Values less than 0.1 percent are expressed as 0.0 percent.

**Table 21 Total Employment by Industry Supported by Construction of Electrical Distribution Lines and Substations, Kansas and the United States (average annual jobs)**

Industry	Kansas <sup>a</sup>			United States <sup>c</sup>		
	Current (2010) Jobs <sup>b</sup>	Total Effects of Proposed Project Jobs <sup>b</sup>	Share of 2010	Current (2010) Jobs <sup>b</sup>	Total Effects of Proposed Project Jobs <sup>b</sup>	Share of 2010
Farm	65,033	0	0.00%	2,665,000	13	0.000%
Forestry, Fisheries & Support, including Farm Support	8,792	0	0.00%	835,800	8	0.001%
Mining	32,021	0	0.00%	1,185,500	19	0.002%
Utilities	8,006	0	0.00%	579,000	7	0.001%
Construction	85,945	110	0.13%	8,914,200	1,288	0.014%
Manufacturing	166,804	4	0.00%	12,206,900	164	0.001%
Trade	244,410	17	0.01%	23,808,200	252	0.001%
Transportation & Warehousing	55,368	3	0.01%	5,504,400	63	0.001%
Information	33,237	1	0.00%	3,210,700	34	0.001%
Finance & Insurance	96,177	7	0.01%	9,651,300	134	0.001%
Real estate & rental	56,979	5	0.01%	7,459,200	104	0.001%
Professional Services & Management of Companies	109,768	15	0.01%	13,765,700	322	0.002%
Administrative & Waste Services (private only)	94,824	6	0.01%	10,478,800	140	0.001%
Educational Services (private only)	25,896	1	0.00%	4,076,600	23	0.001%
Health & Social Services (private only)	188,923	11	0.01%	19,062,300	169	0.001%
Arts, Entertainment & Recreation Services	27,441	2	0.01%	3,777,100	40	0.001%
Accommodations & Food Services	109,251	7	0.01%	12,048,000	134	0.001%
Other Services	93,614	7	0.01%	9,858,700	121	0.001%
Government & Government Enterprises	302,753	1	0.00%	24,680,000	23	0.000%
Total	1,805,242	199	0.01%	173,767,400	3,059	0.002%

<sup>a</sup> Excludes jobs held by non-residents of the state as part of a temporary construction workforce.

<sup>b</sup> Includes full-time and part-time jobs by place of work.

<sup>c</sup> Includes all full-time and part-time jobs regardless of location within U.S.

Note: Values less than 0.001 percent are expressed as 0.000 percent.



**Table 22 Total Earnings by Industry Supported by Construction of Electrical Distribution Lines and Substations, Montana and South Dakota (thousands of 2010 dollars)**

Industry	Montana <sup>a</sup>			South Dakota <sup>a</sup>		
	Current (2010) \$1,000 <sup>b</sup>	Total Effects of Proposed Project \$1,000 <sup>b</sup>	Share of 2010	Current (2010) \$1,000 <sup>b</sup>	Total Effects of Proposed Project \$1,000 <sup>b</sup>	Share of 2010
Farm	584,113	14	0.0%	2,408,458	50	0.0%
Forestry, Fisheries & Support, including Farm Support	162,574	35	0.0%	121,559	12	0.0%
Mining	664,002	67	0.0%	54,975	21	0.0%
Utilities	354,376	215	0.1%	199,052	144	0.1%
Construction	1,711,999	24,858	1.5%	1,346,264	25,963	1.9%
Manufacturing	1,031,332	620	0.1%	1,990,690	582	0.0%
Trade	2,885,777	2,419	0.1%	2,813,605	2,318	0.1%
Transportation & Warehousing	913,007	680	0.1%	699,904	508	0.1%
Information	393,005	361	0.1%	345,770	250	0.1%
Finance & Insurance	1,068,898	1,309	0.1%	1,537,041	1,572	0.1%
Real estate & rental	363,157	816	0.2%	291,665	559	0.2%
Professional Services & Management of Companies	1,586,798	5,538	0.3%	1,227,650	3,396	0.3%
Administrative & Waste Services (private only)	696,111	742	0.1%	452,286	334	0.1%
Educational Services (private only)	144,888	118	0.1%	236,258	110	0.0%
Health & Social Services (private only)	3,163,291	2,441	0.1%	3,165,948	2,147	0.1%
Arts, Entertainment & Recreation Services	294,479	145	0.0%	249,821	138	0.1%
Accommodations & Food Services	929,225	638	0.1%	689,960	477	0.1%
Other Services	1,002,215	1,134	0.1%	804,951	1,007	0.1%
Government & Government Enterprises	5,441,042	384	0.0%	4,332,428	323	0.0%
Total	23,390,289	42,534	0.2%	22,968,285	39,912	0.2%

<sup>a</sup> Excludes labor earnings by non-residents of the state as part of a temporary construction workforce.

<sup>b</sup> Labor earnings by place of work.

Note: Values less than 0.1 percent are expressed as 0.0 percent.

**Table 23 Total Earnings by Industry Supported by Construction of Electrical Distribution Lines and Substations, Kansas and the United States (thousands of 2010 dollars)**

Industry	Kansas <sup>a</sup>			United States <sup>c</sup>		
	Current (2010) \$1,000 <sup>b</sup>	Total Effects of Proposed Project \$1,000 <sup>b</sup>	Share of 2010	Current (2010) \$1,000 <sup>b</sup>	Total Effects of Proposed Project \$1,000 <sup>b</sup>	Share of 2010
Farm	2,219,064	6	0.00%	77,215,000	365	0.000%
Forestry, Fisheries & Support, including Farm Support	317,548	1	0.00%	22,548,000	268	0.001%
Mining	785,580	13	0.00%	83,081,000	1,682	0.002%
Utilities	880,257	38	0.00%	73,306,000	850	0.001%
Construction	4,192,163	5,170	0.12%	479,541,000	56,590	0.012%
Manufacturing	11,213,965	213	0.00%	891,607,000	10,895	0.001%
Trade	9,438,679	560	0.01%	1,009,713,000	9,128	0.001%
Transportation & Warehousing	2,826,797	141	0.00%	295,408,000	3,152	0.001%
Information	2,358,672	94	0.00%	294,252,000	2,208	0.001%
Finance & Insurance	4,510,213	317	0.01%	647,655,000	7,204	0.001%
Real estate & rental	976,644	135	0.01%	148,119,000	2,673	0.002%
Professional Services & Management of Companies	6,796,877	937	0.01%	1,110,322,000	20,082	0.002%
Administrative & Waste Services (private only)	3,164,252	187	0.01%	353,648,000	4,123	0.001%
Educational Services (private only)	677,054	37	0.01%	146,724,000	755	0.001%
Health & Social Services (private only)	8,892,311	500	0.01%	1,000,258,000	8,346	0.001%
Arts, Entertainment & Recreation Services	338,006	20	0.01%	100,953,000	750	0.001%
Accommodations & Food Services	2,113,273	124	0.01%	278,844,000	2,405	0.001%
Other Services	2,992,088	260	0.01%	330,361,000	3,971	0.001%
Government & Government Enterprises	16,849,447	75	0.00%	1,642,674,000	1,545	0.000%
Total	81,542,890	8,827	0.01%	8,986,229,000	136,992	0.002%

<sup>a</sup> Excludes labor earnings by non-residents of the state as part of a temporary construction workforce.<sup>b</sup> Labor earnings by place of work.<sup>c</sup> Includes all labor earnings regardless of location within U.S.

Note: Values less than 0.001 percent are expressed as 0.000 percent.

**Table 24 Rail/Pipeline Option – Minority Data for All Geographic Areas**

Geographic Area	Total Population	African American		Native American (U.S.)/Aboriginal (CA) <sup>a</sup>		Asian/Pacific Islander <sup>b</sup>		Other		Two or More Races		Aggregate (Total) of Racial Minorities	
		#	%	#	%	#	%	#	%	#	%	#	%
<b>Canada</b>	<b>31,241,030</b>	<b>783,795</b>	<b>2.5</b>	<b>1,172,785</b>	<b>3.8</b>	<b>3,509,950</b>	<b>11.2</b>	<b>641,215</b>	<b>2.1</b>	<b>133,120</b>	<b>0.4</b>	<b>6,240,865</b>	<b>20.0</b>
<b>Saskatchewan</b>	<b>953,845</b>	<b>5,090</b>	<b>0.5</b>	<b>141,890</b>	<b>14.9</b>	<b>23,365</b>	<b>2.4</b>	<b>4,635</b>	<b>0.5</b>	<b>810</b>	<b>0.1</b>	<b>175,790</b>	<b>18.4</b>
Census Division 17	40,135	40	0.1	12,215	30.4	275	0.7	80	0.2	0	0.0	12,610	31.4
Lloydminster	26,745	70	0.3	2,215	8.3	420	1.6	110	0.4	0	0.0	2,815	10.5
<i>Saskatchewan Exceedance Criteria</i>		<i>0.6%</i>		<i>17.9%</i>		<i>2.9%</i>		<i>0.6%</i>		<i>0.1%</i>		<i>22.1%</i>	
<b>North Dakota</b>	<b>672,591</b>	<b>7,690</b>	<b>1.1</b>	<b>36,591</b>	<b>5.4</b>	<b>7,229</b>	<b>1.1</b>	<b>3,509</b>	<b>0.5</b>	<b>11,853</b>	<b>1.8</b>	<b>66,872</b>	<b>9.9</b>
Williams	22,398	63	0.3	899	4.0	84	0.4	69	0.3	644	2.9	1,759	7.9
<i>North Dakota Exceedance Criteria</i>		<i>1.3%</i>		<i>6.5%</i>		<i>1.3%</i>		<i>0.6%</i>		<i>2.2%</i>		<i>11.9%</i>	
<b>Oklahoma</b>	<b>3,751,351</b>	<b>277,644</b>	<b>7.4</b>	<b>321,687</b>	<b>8.6</b>	<b>69,445</b>	<b>1.9</b>	<b>154,409</b>	<b>4.1</b>	<b>221,321</b>	<b>5.9</b>	<b>1,044,506</b>	<b>27.8</b>
Lincoln	34,273	615	1.8	2,218	6.5	77	0.2	203	0.6	1,734	5.1	4,847	14.1
Creek	69,967	1,544	2.2	7,001	10.0	275	0.4	734	1.0	4,649	6.6	14,203	20.3
<i>Oklahoma Exceedance Criteria</i>		<i>8.9%</i>		<i>10.3%</i>		<i>2.3%</i>		<i>4.9%</i>		<i>7.1%</i>		<i>33.4%</i>	

Sources: U.S. Census Bureau, Race 2010 (U.S. Census Bureau 2012b); Visible Minority Population Characteristics, Aboriginal Population (Statistics Canada 2006).

Notes: Gray shaded cells indicate minority populations that met the 50 percent and/or meaningfully greater criteria.

Any discrepancies in the aggregate population are due to rounding.

<sup>a</sup> Aboriginal peoples in the U.S. include American Indian and Alaska Native populations.

<sup>b</sup> Only Asian populations are given for Canada-Pacific Islanders are included in *Other*.

**Table 25 Rail/Pipeline Option – Hispanic and Latino Origin Data for All Geographic Areas**

<b>Geographic Area</b>	<b>Total Population #</b>	<b>Hispanic or Latino #</b>	<b>%</b>
<b>Canada</b>	<b>31,241,030</b>	<b>304,245</b>	<b>1.0%</b>
<b>Saskatchewan</b>	<b>953,845</b>	<b>2,520</b>	<b>0.3%</b>
Census Division 17	40,135	50	0.1%
Lloydminster	26,745	80	0.3%
<i>Saskatchewan Exceedance Criteria</i>			<i>0.4%</i>
<b>North Dakota</b>	<b>672,591</b>	<b>13,467</b>	<b>2.0%</b>
Williams	22,398	436	1.9%
<i>North Dakota Exceedance Criteria</i>			<i>2.4%</i>
<b>Oklahoma</b>	<b>3,751,351</b>	<b>332,007</b>	<b>8.9%</b>
Lincoln	34,273	838	2.4%
Creek	69,967	2,152	3.1%
<i>Oklahoma Exceedance Criteria</i>			<i>10.7%</i>

Sources: Hispanic or Latino Origin by Race, U.S. Census Bureau 2010 (U.S. Census Bureau 2012c); Visible Minority Population Characteristics (Statistics Canada 2006).

Note: Any discrepancies in the aggregate population are due to rounding.

<sup>a</sup> Hispanic and Latino populations are not included in the aggregate minority count.

**Table 26 Rail/Pipeline Option – Low-Income Data for All Geographic Areas**

<b>Geographic Area</b>	<b>Population for Whom Poverty Status is Determined</b>	<b>Aggregate (Total) of Low-Income Populations</b>	
	<b>#</b>	<b>#</b>	<b>%</b>
<b>Canada</b>	<b>30,628,935</b>	<b>4,686,227<sup>a</sup></b>	<b>15.3%</b>
<b>Saskatchewan</b>	<b>897,575</b>	<b>129,251<sup>a</sup></b>	<b>14.4%</b>
Census Division 17	33,070	4,101 <sup>a</sup>	12.4%
Lloydminster	26,635	2,263 <sup>a</sup>	8.5%
<i>Saskatchewan Exceedance Criteria</i>		<i>17.3%</i>	
<b>North Dakota</b>	<b>636,048</b>	<b>78,405</b>	<b>12.3%</b>
Williams	20,581	1,793	0.3%
<i>North Dakota Exceedance Criteria</i>		<i>14.8%</i>	
<b>Oklahoma</b>	<b>3,559,437</b>	<b>577,247</b>	<b>16.2%</b>
Lincoln	33,409	4,936	14.8%
Creek	68,104	10,473	15.4%
<i>Oklahoma Exceedance Criteria</i>		<i>19.4%</i>	

Source: U.S. Census Bureau 2006-2010: Poverty Status in the Past 12 Months (U.S. Census Bureau 2012a); Income in 2005 (Statistics Canada 2006).

Note: Any discrepancies in the aggregate population are due to rounding.

<sup>a</sup> Values are interpolated from total population and low-income percentage.

**Table 27 Rail/Pipeline Option – Designated HPSAs and MUA/Ps with Identified Minority and/or Low-Income Populations in Affected Counties**

			Health Professional Shortage Areas (HPSA) <sup>b</sup>		Medically Underserved Areas/Populations (MUA/P) <sup>c</sup>
County	Minority Population	Low-Income Population	Designation Name / Facility Location <sup>c</sup>	Geographic Area or Facility Type <sup>d</sup> (P= Primary Medical Care; D= Dental; M = Mental Health)	Designation Name
North Dakota					
Williams	1	0	Tioga Trenton Indian Service Unit Low-Income – Williston Northwest Human Services Center	Geographical Area (P) Native American Tribal Population (P) Population Group (P) Other Facility (M)	Native American Population – Trenton Service Area
Subtotal North Dakota	1	0			
Oklahoma					
Lincoln	0	0	Black Hawk Health Center Low-Income – Lincoln County	Native American Tribal Population (P, D, M) Population Group (P)	Lincoln County
Creek	0	0	Sapulpa Health Center – Creek Nation Low-Income – Creek County Sapulpa Health Center  Low-Income – Catchment Area 13 Salpulpa Behavioral Health Cmhi Grant	Indian Health Service Facility (P) Population Group (P)  Native American Tribal Population (D, M) Population Group (M)  Native American Tribal Population (M) Native American Tribal Population (M)	Northwest Creek Service Area
Subtotal Oklahoma	0	0			

Source: HRSA 2012.

<sup>a</sup> Canada does not have designated HPSAs or MUA/Ps.

**Table 27      Rail/Pipeline Option – Designated HPSAs and MUA/Ps with Identified Minority and/or Low-Income Populations in Affected Counties**

<sup>b</sup> Health Professional Shortage Areas (HPSAs) are designated by HRSA as having shortages of primary medical care, dental or mental health providers and may be geographic (a county or service area), demographic (low income population) or institutional (comprehensive health center, federally qualified health center or other public facility).

<sup>c</sup> Satellite sites of Comprehensive Health Centers automatically assume the HPSA score of the affiliated grantee. They are not listed separately.

<sup>d</sup> Geographic Single County is defined as a whole county designated as HPSA; Geographic Service Areas are portions of a county, or portions of multiple counties, designated as a geographic HPSA; Population Groups are defined as a population within an area that is designated as a HPSA; Correctional Institutions are federal and state prisons and youth detention facilities; Rural Health Clinics are certified as Rural Health Clinics by the Centers for Medicare and Medicaid Services; Indian Health Service sites serve Federally Recognized tribes.

<sup>e</sup> Medically Underserved Areas/Populations are areas or populations designated by HRSA as having: too few primary care providers, high infant mortality, high poverty and/or high elderly population.

**Table 28 Rail/Pipeline Option – Public Services**

<b>State / County (City)<sup>a</sup></b>	<b>Police / Sheriff Departments<sup>b</sup></b>	<b>Fire Departments<sup>c</sup></b>	<b>Nearest Medical Facilities (City)<sup>d</sup></b>
<b>North Dakota</b>			
Williams (Epping)	3	7	Tioga Medical Center and Clinic (Ray) Mercy Medical Center (Williston)
<b>Oklahoma</b>			
Creek (Stroud)	10	12	Stroud Regional Medical Center (Stroud)
Lincoln (Stroud)	7	9	Stroud Regional Medical Center (Stroud)

<sup>a</sup> States, counties, and cities are listed geographically from north to south as proposed project crosses the area.

<sup>b</sup> Number of police and sheriff departments determined from local, regional, and national records pertaining to law enforcement agencies as listed on the website [usacops.com](http://usacops.com) (2012).

<sup>c</sup> Number of fire departments determined from community database of fire departments in the United States as listed on the website [Firedepartmentdirectory.com](http://Firedepartmentdirectory.com) (2012).

<sup>d</sup> Medical facility located at a distance no further than approximately 50 miles from Project Area.



**Table 29 Rail/Tanker Option – Minority Data for All Geographic Areas**

Geographic Area	Total Population	African American		Native American (U.S)/Aboriginal (CA) <sup>a</sup>		Asian/Pacific Islander <sup>b</sup>		Other		Two or More Races		Aggregate (Total) of Racial Minorities	
		#	%	#	%	#	%	#	%	#	%	#	%
<b>Canada</b>	<b>31,241,030</b>	<b>783,795</b>	<b>2.5</b>	<b>1,172,785</b>	<b>3.8</b>	<b>3,509,950</b>	<b>11.2</b>	<b>641,215</b>	<b>2.1</b>	<b>133,120</b>	<b>0.4</b>	<b>6,240,865</b>	<b>20.0</b>
<b>British Columbia</b>	<b>4,074,380</b>	<b>28,315</b>	<b>0.7</b>	<b>196,070</b>	<b>4.8</b>	<b>913,635</b>	<b>22.4</b>	<b>41,480</b>	<b>1.0</b>	<b>25,420</b>	<b>0.6</b>	<b>1,204,920</b>	<b>29.6</b>
Skeena-Queen Charlotte	19,590	75	0.4	7,985	40.8	1,380	7.0	40	0.2	30	0.2	9,485	48.4
Prince Rupert	12,750	50	0.4	4,475	35.1	1,280	10.0	20	0.2	15	0.1	5,840	45.8
<i>British Columbia Exceedance Criteria</i>		0.8%		5.8%		26.9%		12.2%		0.7%		35.5%	
<b>Saskatchewan</b>	<b>953,845</b>	<b>5,090</b>	<b>0.5</b>	<b>141,890</b>	<b>14.9</b>	<b>23,365</b>	<b>2.4</b>	<b>4,635</b>	<b>0.5</b>	<b>810</b>	<b>0.1</b>	<b>175,790</b>	<b>18.4</b>
Census Division 17	40,135	40	0.1	12,215	30.4	275	0.7	80	0.2	0	0.0	12,610	31.4
Lloydminster	26,745	70	0.3	2,215	8.3	420	1.6	110	0.4	0	0.0	2,815	10.5
<i>Saskatchewan Exceedance Criteria</i>		0.6%		17.9%		2.9%		0.6%		0.1%		22.1%	
<b>North Dakota</b>	<b>672,591</b>	<b>7,690</b>	<b>1.1</b>	<b>36,591</b>	<b>5.4</b>	<b>7,229</b>	<b>1.1</b>	<b>3,509</b>	<b>0.5</b>	<b>11,853</b>	<b>1.8</b>	<b>66,872</b>	<b>9.9</b>
Williams	22,398	63	0.3	899	4.0	84	0.4	69	0.3	644	2.9	1,759	7.9
Epping	100	0	0.0	11	0.1	5	0.1	0	0.0	3	0.0	19	0.2
<i>North Dakota Exceedance Criteria</i>		1.3%		6.5%		1.3%		0.6%		2.2%		11.9%	
<b>Oklahoma</b>	<b>3,751,351</b>	<b>277,644</b>	<b>7.4</b>	<b>321,687</b>	<b>8.6</b>	<b>69,445</b>	<b>1.9</b>	<b>154,409</b>	<b>4.1</b>	<b>221,321</b>	<b>5.9</b>	<b>1,044,506</b>	<b>27.8</b>
Lincoln	34,273	615	1.8	2,218	6.5	77	0.2	203	0.6	1,734	5.1	4,847	14.1
Creek	69,967	1,544	2.2	7,001	10.0	275	0.4	734	1.0	4,649	6.6	14,203	20.3
<i>Oklahoma Exceedance Criteria</i>		8.9%		10.3%		2.3%		4.9%		7.1%		33.4%	
<b>Texas</b>	<b>25,145,561</b>	<b>2,979,598</b>	<b>11.8</b>	<b>170,972</b>	<b>0.7</b>	<b>986,252</b>	<b>3.9</b>	<b>2,628,186</b>	<b>10.5</b>	<b>679,001</b>	<b>2.7</b>	<b>7,444,009</b>	<b>29.6</b>
Jefferson	252,273	85,291	33.8	1,381	0.5	8,713	3.5	20,353	8.1	4,961	2.0	120,699	47.8
Port Arthur	53,818	21,921	40.7	398	0.7	3,193	5.9	7,569	14.1	1,289	2.4	34,370	63.9
Harris	4,092,459	775,492	18.9	27,763	0.7	256,050	6.3	583,566	14.3	131,332	3.2	1,774,203	43.4
Houston	2,099,451	498,466	23.7	14,997	0.7	127,531	6.1	329,436	15.7	68,530	3.3	1,038,960	49.5
<i>Texas Exceedance Criteria</i>		14.2%		0.8%		4.7%		12.6%		3.2%		35.5%	

Sources: U.S. Census Bureau 20110: Race (U.S. Census Bureau 2012b); Visible Minority Population Characteristics, Aboriginal Population (Statistics Canada 2006).

**Table 29      Rail/Tanker Option – Minority Data for All Geographic Areas**

Notes: Gray shaded cells indicate minority populations that met the 50 percent and/or meaningfully greater criteria.

Values less than 0.1 percent are expressed as 0.0 percent.

Any discrepancies in the aggregate population are due to rounding.

<sup>a</sup> Aboriginal peoples in the U.S. include American Indian and Alaska Native populations.

<sup>b</sup> Only Asian populations are given for Canada-Pacific Islanders are included in *Other*.

**Table 30 Rail/Tanker Option – Hispanic and Latino Origin Data for All Geographic Areas**

Geographic Area	2006 Total Population	Hispanic or Latino	
	#	#	%
<b>Canada</b>	<b>31,241,030</b>	<b>304,245</b>	<b>1.0%</b>
<b>British Columbia</b>	<b>4,074,380</b>	<b>28,965</b>	<b>0.7%</b>
Skeena-Queen Charlotte	19,590	10	0.1%
Prince Rupert	12,750	10	0.1%
<i>British Columbia Exceedance Criteria</i>			0.8%
<b>Saskatchewan</b>	<b>953,845</b>	<b>2,520</b>	<b>0.3%</b>
Census Division 17	40,135	50	0.1%
Lloydminster	26,745	80	0.3%
<i>Saskatchewan Exceedance Criteria</i>			0.4%
<b>North Dakota</b>	<b>672,591</b>	<b>13,467</b>	<b>2.0%</b>
Williams	22,398	436	1.9%
Epping	100	0	0.0%
<i>North Dakota Exceedance Criteria</i>			2.4%
<b>Oklahoma</b>	<b>3,751,351</b>	<b>332,007</b>	<b>8.9%</b>
Lincoln	34,273	838	2.4%
Creek	69,967	2,152	3.1%
<i>Oklahoma Exceedance Criteria</i>			10.7%
<b>Texas</b>	<b>25,145,561</b>	<b>9,460,921</b>	<b>37.6%</b>
Jefferson	252,273	42,899	17.0%
Port Arthur	53,818	15,917	29.6%
Harris	4,092,459	1,671,540	40.8%
Houston	2,099,451	919,668	43.8%
<i>Texas Exceedance Criteria</i>			45.1%

Sources: U.S. Census Bureau 2010: Hispanic or Latino Origin by Race (U.S. Census Bureau 2012c); Visible Minority Population Characteristics (Statistics Canada 2006).

Note: Any discrepancies in the aggregate population are due to rounding.

<sup>a</sup>Hispanic and Latino populations are not included in the aggregate minority count.

**Table 31 Rail/Tanker Option – Low-Income Data for All Geographic Areas**

<b>Geographic Area</b>	<b>Population for Whom Poverty Status is Determined</b>	<b>Aggregate (Total) of Low- Income Populations</b>	
	<b>#</b>	<b>#</b>	<b>%</b>
<b>Canada</b>	<b>30,628,935</b>	<b>4,686,227<sup>a</sup></b>	<b>15.3%</b>
<b>British Columbia</b>	<b>3,978,215</b>	<b>688,231<sup>a</sup></b>	<b>17.3%</b>
Skeena-Queen Charlotte	16,470	2,849 <sup>a</sup>	17.3%
Prince Rupert	12,645	2,415 <sup>a</sup>	19.1%
<i>British Columbia Exceedance Criteria</i>		20.8%	
<b>Saskatchewan</b>	<b>897,575</b>	<b>129,251<sup>a</sup></b>	<b>14.4%</b>
Census Division 17	33,070	4,101 <sup>a</sup>	12.4%
Lloydminster	26,635	2,263 <sup>a</sup>	8.5%
<i>Saskatchewan Exceedance Criteria</i>		17.3%	
<b>North Dakota</b>	<b>636,048</b>	<b>78,405</b>	<b>12.3%</b>
Williams	20,581	1,793	0.3%
Epping	51	12	23.5%
<i>North Dakota Exceedance Criteria</i>		14.8%	
<b>Oklahoma</b>	<b>3,559,437</b>	<b>577,247</b>	<b>16.2%</b>
Lincoln	33,409	4,936	14.8%
Creek	68,104	10,473	15.4%
<i>Oklahoma Exceedance Criteria</i>		19.4%	
<b>Texas</b>	<b>23,707,679</b>	<b>3,972,054</b>	<b>16.8%</b>
Jefferson	233,086	43,720	18.8%
Port Arthur	53,188	12,773	24.0%
Harris	3,908,129	655,742	16.8%
Houston	2,038,184	428,044	21.0%
<i>Texas Exceedance Criteria</i>		20.2%	

Source: U.S. Census Bureau 2006-2010: Poverty Status in the Past 12 Months (U.S. Census Bureau 2012a); Income in 2005 (Statistics Canada 2006).

Note: Any discrepancies in the aggregate population are due to rounding.

<sup>a</sup> Values are interpolated from total population and low-income percentage.

**Table 32 Rail/Tanker Option – Designated HPSAs and MUA/Ps for Minority and Low-Income Populations in Affected Counties**

			Health Professional Shortage Areas (HPSA) <sup>b</sup>		Medically Underserved Areas/Populations (MUA/P) <sup>c</sup>
			Designation Name / Facility Location <sup>c</sup>	Geographic Area or Facility Type <sup>d</sup> (P= Primary Medical Care; D= Dental; M = Mental Health)	Designation Name
County	Minority Population	Low-Income Population			
North Dakota					
Williams	1	0	Tioga Trenton Indian Service Unit Low-Income – Williston Northwest Human Services Center	Geographical Area (P) Native American Tribal Population (P) Population Group (P) Other Facility (M)	Native American Population – Trenton Service Area
Subtotal North Dakota	1	0			
Oklahoma					
Lincoln	0	0	Black Hawk Health Center Low-Income – Lincoln County	Native American Tribal Population (P, D, M) Population Group (P)	Lincoln County
Creek	0	0	Sapulpa Health Center – Creek Nation Low-Income – Creek County Sapulpa Health Center  Low-Income – Catchment Area 13 Salpulpa Behavioral Health Cmhi Grant	Indian Health Service Facility (P) Population Group (P)  Native American Tribal Population (D, M) Population Group (M)  Native American Tribal Population (M) Native American Tribal Population (M)	Northwest Creek Service Area
Subtotal Oklahoma	0	0			

**Table 32 Rail/Tanker Option – Designated HPSAs and MUA/Ps for Minority and Low-Income Populations in Affected Counties**

County	Minority Population	Low-Income Population	Health Professional Shortage Areas (HPSA) <sup>b</sup>		Medically Underserved Areas/Populations (MUA/P) <sup>e</sup>
			Designation Name / Facility Location <sup>c</sup>	Geographic Area or Facility Type <sup>d</sup> (P= Primary Medical Care; D= Dental; M = Mental Health)	Designation Name
Texas					
Jefferson	4	1	Gulf Coast Health Center	Comprehensive Health Center (P, D, M)	Low-Income – Jefferson Service Area
			Federal Correctional Complex Beaumont	Correctional Facility (M)	Port Arthur/Jefferson Service Area
					Low-Income – Inner City Beaumont
Harris	5	1	South Central Houston	Geographical Area (P, D, M)	Pov/Span-Speak/Immig
			Aldine	Geographical Area (P, D, M)	Pop. – Southwest Houston
			East Central Houston	Geographical Area (P, D, M)	Harris Service Area
			North Central	Geographical Area (P)	East Central Houston
			Federal Detention Center – Houston	Correctional Facility (P, D, M)	Ripley Service Area
			Harris County Hospital District	Comprehensive Health Center (P, D, M)	South Central Harris County
				Comprehensive Health Center (P, D, M)	Casa De Amigos Service Area
				Correctional Facility (P, D, M)	Area
			South Central Houston Health Center	Geographical Area (P, D, M)	Baytown Service Area
			Immigration and Customs Enforcement – Houston	Comprehensive Health Center (P, D, M)	Galena Park/Jacinto City Service Area
			Acres Home	Comprehensive Health Center (P, D, M)	Service Area
			El Centro De Corazon	Comprehensive Health Center (P, D, M)	Low-Income – Alief Service Area
				Geographical Area (P, M)	Acres Home Service Area
				Comprehensive Health Center (P, D, M)	Settegast Service Area
			Pasadena Health Center	Comprehensive Health Center (P, D, M)	Independence Heights
				Comprehensive Health Center (P, D, M)	Service Area
			Fourth Ward Clinic Db	Comprehensive Health Center (P, D, M)	Trinity Gardens Service Area
			Good	Geographical Area (P, D)	Area
			Neighbor Hcc	Comprehensive Health Center (P, D, M)	Aldine
			Ripley	Comprehensive Health Center (P, D, M)	North Central

**Table 32 Rail/Tanker Option – Designated HPSAs and MUA/Ps for Minority and Low-Income Populations in Affected Counties**

County	Minority Population	Low-Income Population	Health Professional Shortage Areas (HPSA) <sup>b</sup>		Medically Underserved Areas/Populations (MUA/P) <sup>e</sup>
			Designation Name / Facility Location <sup>c</sup>	Geographic Area or Facility Type <sup>d</sup> (P= Primary Medical Care; D= Dental; M = Mental Health)	Designation Name
			Health Care for the Homeless – Houston Legacy Community Health Systems, Inc. Houston Community Health Center	Comprehensive Health Center (P, D, M) Other Facility (P)  Geographical Area (P) Geographical Area (M)	South Service Area Northeast Central Service Area Central Harris West Pasadena Low-Income – Spring Branch Southern Third Ward Service Area North Forest Service Area Low-Income – Northwest Harris Governor’s Low-Income – Southwest Harris
			Spring Branch Community Health Center Settegast Asian Am. Health Coalition of Gtr Houston/Db a Hope C Houston Area Community Services, Inc. Motherland, Inc.		
			Shriners Hospital for Children – Houston Galena Service Area Third Ward Service Area		
<i>Subtotal Texas</i>	9	2			

Source: HRSA 2012.

<sup>a</sup> Canada does not have designated HPSAs or MUA/Ps.<sup>b</sup> Health Professional Shortage Areas (HPSAs) are designated by HRSA as having shortages of primary medical care, dental or mental health providers and may be geographic (a county or service area), demographic (low income population) or institutional (comprehensive health center, federally qualified health center or other public facility).<sup>c</sup> Satellite sites of Comprehensive Health Centers automatically assume the HPSA score of the affiliated grantee. They are not listed separately.<sup>d</sup> Geographic Single County is defined as a whole county designated as HPSA; Geographic Service Areas are portions of a county, or portions of multiple counties, designated as a geographic HPSA; Population Groups are defined as a population within an area that is designated as a HPSA; Correctional Institutions are federal and state prisons and youth

**Table 32      Rail/Tanker Option – Designated HPSAs and MUA/Ps for Minority and Low-Income Populations in Affected Counties**

detention facilities; Rural Health Clinics are certified as Rural Health Clinics by the Centers for Medicare and Medicaid Services; Indian Health Service sites serve Federally Recognized tribes.

<sup>c</sup> Medically Underserved Areas/Populations are areas or populations designated by HRSA as having: too few primary care providers, high infant mortality, high poverty, and/or high elderly population.



**Table 33 2011 Steele City Alternative - Minority Data for All Geographic Areas<sup>a</sup>**

Geographic Area	Total Population	African American		American Indian/ Alaska Native		Asian/Pacific Islander		Other		Two or More Races		Aggregate (Total) of Racial Minorities	
	#	#	%	#	%	#	%	#	%	#	%	#	%
<b>Nebraska</b>	<b>1,826,341</b>	<b>82,885</b>	<b>4.5%</b>	<b>18,427</b>	<b>1.0%</b>	<b>33,572</b>	<b>1.8%</b>	<b>79,109</b>	<b>4.3%</b>	<b>39,510</b>	<b>2.2%</b>	<b>253,503</b>	<b>13.9%</b>
Keya Paha	824	0	0.0%	1	0.1%	1	0.1%	2	0.2%	3	0.4%	7	0.8%
CT 9754	824	0	0.0%	1	0.1%	1	0.1%	2	0.2%	3	0.4%	7	0.8%
BG 1	824	0	0.0%	1	0.1%	1	0.1%	2	0.2%	3	0.4%	7	0.8%
Rock	1,526	1	0.1%	9	0.6%	3	0.2%	4	0.3%	6	0.4%	23	1.5%
CT 9746	1,526	1	0.1%	9	0.6%	3	0.2%	4	0.3%	6	0.4%	23	1.5%
BG 1	717	1	0.1%	2	0.3%	1	0.1%	0	0.0%	5	0.7%	9	1.3%
Holt	10,435	16	0.2%	29	0.3%	26	0.2%	182	1.7%	50	0.5%	303	2.9%
CT 9740	1,654	3	0.2%	0	0.0%	3	0.2%	3	0.2%	12	0.7%	21	1.3%
BG 2	1,024	3	0.3%	0	0.0%	1	0.1%	0	0.0%	9	0.9%	13	1.3%
CT 9741	2,564	0	0.0%	4	0.2%	5	0.2%	7	0.3%	5	0.2%	21	0.8%
BG 2	706	0	0.0%	0	0.0%	1	0.1%	6	0.8%	3	0.4%	10	1.4%
Garfield	2,049	3	0.1%	0	0.0%	3	0.1%	5	0.2%	5	0.2%	16	0.8%
CT 9732	2,049	3	0.1%	0	0.0%	3	0.1%	5	0.2%	5	0.2%	16	0.8%
BG 1	807	0	0.0%	0	0.0%	3	0.4%	4	0.5%	2	0.2%	9	1.1%
Wheeler	818	0	0.0%	1	0.1%	4	0.5%	2	0.2%	7	0.9%	14	1.7%
CT 9736	818	0	0.0%	1	0.1%	4	0.5%	2	0.2%	7	0.9%	14	1.7%
BG 1	818	0	0.0%	1	0.1%	4	0.5%	2	0.2%	7	0.9%	14	1.7%
Greeley	2,538	16	0.6%	5	0.2%	2	0.1%	24	0.9%	13	0.5%	60	2.4%
CT 9709	2,538	16	0.6%	5	0.2%	2	0.1%	24	0.9%	13	0.5%	60	2.4%
BG 1	1,300	15	1.2%	2	0.2%	2	0.2%	18	1.4%	7	0.5%	44	3.4%
BG 2	1,238	1	0.1%	3	0.2%	0	0.0%	6	0.5%	6	0.5%	16	1.3%
Boone	5,505	23	0.4%	12	0.2%	12	0.2%	18	0.3%	18	0.3%	83	1.5%
CT 9601	3,626	19	0.5%	4	0.1%	7	0.2%	14	0.4%	12	0.3%	56	1.5%
BG 3	621	2	0.3%	1	0.2%	3	0.5%	0	0.0%	3	0.5%	9	1.4%
BG 4	607	7	1.2%	0	0.0%	0	0.0%	0	0.0%	3	0.5%	10	1.6%
Nance	3,735	8	0.2%	10	0.3%	2	0.1%	19	0.5%	37	1.0%	76	2.0%
CT 9661	3,735	8	0.2%	10	0.3%	2	0.1%	19	0.5%	37	1.0%	76	2.0%
BG 1	596	0	0.0%	0	0.0%	0	0.0%	1	0.2%	8	1.3%	9	1.5%

**Table 33 2011 Steele City Alternative - Minority Data for All Geographic Areas<sup>a</sup>**

Geographic Area	Total Population	African American		American Indian/ Alaska Native		Asian/Pacific Islander		Other		Two or More Races		Aggregate (Total) of Racial Minorities	
	#	#	%	#	%	#	%	#	%	#	%	#	%
Merrick	7,845	15	0.2%	31	0.4%	66	0.8%	105	1.3%	78	1.0%	295	3.8%
CT 9666	1,947	1	0.1%	2	0.1%	5	0.3%	18	0.9%	12	0.6%	38	2.0%
BG 1	804	0	0.0%	0	0.0%	1	0.1%	7	0.9%	1	0.1%	9	1.1%
CT 9668	3,283	3	0.1%	13	0.4%	45	1.4%	36	1.1%	44	1.3%	141	4.3%
BG 1	1,220	0	0.0%	6	0.5%	2	0.2%	24	2.0%	22	1.8%	54	4.4%
Hamilton	9,124	19	0.2%	15	0.2%	19	0.2%	51	0.6%	65	0.7%	169	1.9%
CT 9691	1,934	0	0.0%	2	0.1%	9	0.5%	4	0.2%	16	0.8%	31	1.6%
BG 2	941	0	0.0%	2	0.2%	0	0.0%	2	0.2%	5	0.5%	9	1.0%
Polk	5,406	6	0.1%	11	0.2%	8	0.1%	35	0.6%	54	1.0%	114	2.1%
CT 9601	3,239	6	0.2%	7	0.2%	5	0.2%	27	0.8%	38	1.2%	83	2.6%
BG 2	661	0	0.0%	2	0.3%	1	0.2%	2	0.3%	6	0.9%	11	1.7%
York	13,665	158	1.2%	58	0.4%	67	0.5%	263	1.9%	139	1.0%	685	5.0%
CT 9696	2,711	10	0.4%	8	0.3%	1	0.0%	19	0.7%	23	0.8%	61	2.3%
BG 2	1,233	2	0.2%	6	0.5%	1	0.1%	16	1.3%	12	1.0%	37	3.0%
CT 9698	4,634	100	2.2%	35	0.8%	33	0.7%	170	3.7%	54	1.2%	392	8.5%
BG 2	1,840	78	4.2%	18	1.0%	4	0.2%	96	5.2%	26	1.4%	222	12.1%
CT 9699	2,436	8	0.3%	7	0.3%	5	0.2%	18	0.7%	9	0.4%	47	1.9%
BG 1	1,351	5	0.4%	4	0.3%	3	0.2%	10	0.7%	2	0.1%	24	1.8%
<i>Nebraska Exceedance Criteria</i>		5.4%		1.2%		2.2%		5.2%		2.6%		16.7%	

Sources: Total population and minority populations for each race (Race, U.S. Census Bureau 2012b).

<sup>a</sup> Data is presented only for geographic areas along the 2011 Steele City Alternative route that differ from the proposed Project route.

Notes: CT = Census Tract, BG = Block Group.

Values less than 0.1 percent are expressed as 0.0 percent.

**Table 34 2011 Steele City Alternative - Hispanic and Latino Origin Data for All Geographic Areas <sup>a</sup>**

Geographic Area	Total Population	Hispanic or Latino <sup>b</sup>	
	#	#	%
<b>Nebraska</b>	<b>1,826,341</b>	<b>167,405</b>	<b>9.2%</b>
Keya Paha	824	4	0.5%
CT 9754	824	4	0.5%
BG 1	824	4	0.5%
Rock	1,526	2	0.1%
CT 9746	1,526	2	0.1%
BG 1	717	2	0.3%
Holt	10,435	305	2.9%
CT 9740	1,654	15	0.9%
BG 2	1,024	4	0.4%
CT 9741	2,564	12	0.5%
BG 2	706	8	1.1%
Garfield	2,049	15	0.7%
CT 9732	2,049	15	0.7%
BG 1	807	4	0.5%
Wheeler	818	6	0.7%
CT 9736	818	6	0.7%
BG 1	818	8	1.0%
Greeley	2,538	51	2.0%
CT 9709	2,538	51	2.0%
BG 1	1,300	31	2.4%
BG 2	1,238	21	1.7%
Boone	5,505	65	1.2%
CT 9601	3,626	35	1.0%
BG 3	621	2	0.3%
BG 4	607	4	0.7%
Nance	3,735	65	1.7%
CT 9661	3,735	65	1.7%
BG 1	596	8	1.3%
Merrick	7,845	271	3.5%
CT 9666	1,947	49	2.5%
BG 1	804	17	2.1%
CT 9668	3,283	104	3.2%
BG 1	1,220	63	5.2%
Hamilton	9,124	181	2.0%
CT 9691	1,934	15	0.8%
BG 2	941	6	0.6%
Polk	5,406	156	2.9%
CT 9601	3,239	137	4.2%
BG 2	661	19	2.9%
York	13,665	555	4.1%
CT 9696	2,711	54	2.0%
BG 2	1,233	41	3.3%
CT 9698	4,634	292	6.3%
BG 2	1,840	147	8.0%
CT 9699	2,436	52	2.1%
BG 1	1,351	29	2.1%
<i>Nebraska Exceedance Criteria</i>		<i>11.0%</i>	

Source: Hispanic and Latino populations (Hispanic or Latino Origin by Race, U.S. Census Bureau 2012c).

**Table 34                    2011 Steele City Alternative - Hispanic and Latino Origin Data for All Geographic Areas<sup>a</sup>**

<sup>a</sup> Data is presented only for geographic areas along the 2011 Steele City Alternative route that differ from the proposed Project route.

<sup>b</sup> Hispanic and Latino populations are not included in the aggregate minority count.

Notes: CT = Census Tract, BG = Block Group

**Table 35 2011 Steele City Alternative - Low-Income Data for All Geographic Areas <sup>a</sup>**

Geographic Area	Population for Whom Poverty Status is Determined	Aggregate (Total) of Low- Income Populations	
	#	#	%
<b>Nebraska</b>	<b>1,744,704</b>	<b>206,227</b>	<b>11.8%</b>
Keya Paha	740	168	22.7%
CT 9754	740	168	22.7%
Rock	1,641	157	9.6%
CT 9746	1,641	157	9.6%
Holt	10,186	794	7.8%
CT 9740	1,521	95	6.2%
CT 9741	2,803	213	7.6%
Garfield	2,019	270	13.4%
CT 9732	2,019	270	13.4%
Wheeler	751	96	12.8%
CT 9736	751	96	12.8%
Greeley	2,413	296	12.3%
CT 9709	2,413	296	12.3%
Boone	5,433	360	6.6%
CT 9601	3,482	248	7.1%
Nance	3,531	346	9.8%
CT 9661	3,531	346	9.8%
Merrick	7,760	832	10.7%
CT 9666	1,699	88	5.2%
CT 9668	3,423	425	12.4%
Hamilton	9,142	817	8.9%
CT 9691	1,779	135	7.6%
Polk	5,403	375	6.9%
CT 9601	3,281	231	7.0%
York	12,699	890	7.0%
CT 9696	2,533	136	5.4%
CT 9698	3,919	377	9.6%
CT 9699	2,308	131	5.7%
<i>Nebraska Exceedance Criteria</i>		<i>14.2%</i>	

Source: U.S. Census Bureau 2006-2010 Poverty Status in the Past 12 Months (U.S. Census Bureau 2012a).

<sup>a</sup> Data is presented only for geographic areas along the 2011 Steele City Alternative route that differ from the proposed Project route.

Notes: CT = Census Tract

**Table 36 2011 Steele City Alternative – Designated HPSAs and MUA/Ps with Identified Minority and/or Low-Income Populations within Census Block Groups in Affected Counties<sup>a</sup>**

County	Total Number of Census Block Groups Assessed	Census Block Groups Containing One or More Identified Minority Populations	Total Number of Census Tracts Assessed	Census Tracts Containing One or More Identified Low-Income Populations	Health Professional Shortage Areas (HPSA) <sup>b</sup>		Medically Underserved Areas/ Populations (MUA/P) <sup>c</sup>
					Designation Name / Facility Location <sup>c</sup>	Geographic Area or Facility Type <sup>d</sup> (P= Primary Medical Care; D= Dental; M = Mental Health)	Designation Name
Nebraska							
Rock	1	0	1	0	Greater Sandhills Family Healthcare – Bass Catchment Area 4	Rural Health Clinic (P, D, M)  Geographical Area (M)	Rock Service Area
Garfield	1	0	1	0	Burwell Medical Clinic  Mental Health Catchment Area 3	Rural Health Clinic (P, D, M)  Geographical Area (M)	Garfield Service Area
Wheeler	1	0	1	0	Mental Health Catchment Area 3	Geographical Area (M)	Wheeler Service Area
Greeley	2	0	1	0	Mental Health Catchment Area 3	Geographical Area (M)	Greeley Service Area
Hamilton	1	0	1	0	Mental Health Catchment Area 3	Geographical Area (M)	NA
Subtotal Nebraska	6	0	5	0			

Source: HRSA 2012.

<sup>a</sup> Data is presented only for geographic areas along the 2011 Steele City Alternative route that differ from the proposed Project route.<sup>b</sup> Health Professional Shortage Areas (HPSAs) are designated by HRSA as having shortages of primary medical care, dental or mental health providers and may be geographic (a county or service area), demographic (low income population) or institutional (comprehensive health center, federally qualified health center or other public facility).<sup>c</sup> Satellite sites of Comprehensive Health Centers automatically assume the HPSA score of the affiliated grantee. They are not listed separately.<sup>d</sup> Geographic Single County is defined as a whole county designated as HPSA; Geographic Service Areas are portions of a county, or portions of multiple counties, designated as a geographic HPSA; Population Groups are defined as a population within an area that is designated as a HPSA; Correctional Institutions are Federal and State prisons and youth

**Table 36            2011 Steele City Alternative – Designated HPSAs and MUA/Ps with Identified Minority and/or Low-Income Populations within Census Block Groups in Affected Counties<sup>a</sup>**

detention facilities; Rural Health Clinics are certified as Rural Health Clinics by the Centers for Medicare and Medicaid Services; Indian Health Service sites serve Federally Recognized tribes.

<sup>c</sup> Medically Underserved Areas/Populations are areas or populations designated by HRSA as having: too few primary care providers, high infant mortality, high poverty and/or high elderly population.

**Table 37      2011 Steele City Alternative – Public Services**

<b>State / County<sup>a,b</sup></b>	<b>Police / Sheriff Departments<sup>c</sup></b>	<b>Fire Departments<sup>d</sup></b>	<b>Nearest Medical Facilities<sup>e</sup></b>
Nebraska			
Rock	1	1	Rock County Hospital (Rock)
Garfield	2	1	
Wheeler	1	1	
Greeley	3	1	Boone County Health Center (Boone)
Hamilton	2	4	Litzenberg Memorial County Hospital (Central City)

<sup>a</sup> Data is presented only for geographic areas along the 2011 Steele City Alternative route that differ from the proposed Project route.

<sup>b</sup> States, counties, and cities are listed geographically from north to south as proposed project crosses the area.

<sup>c</sup> Number of Police and Sheriff Departments determined from local, regional, and national records pertaining to Law Enforcement Agencies as listed on the website [usacops.com](http://usacops.com) (2012).

<sup>d</sup> Number of Fire Departments determined from community database of fire departments in the United States as listed on the website [Firedepartmentdirectory.com](http://Firedepartmentdirectory.com) (2012).

<sup>e</sup> Medical facility located at a distance no further than approximately 50 miles from Project Area.



**Table 38 County Property Tax Comparison of Proposed Project and 2011 Steele City Alternative (in thousands of 2010 dollars)**

<b>State/County</b>	<b>Proposed Project</b>	<b>2011 Steele City Alternative</b>
Montana Total	\$6,135	\$6,080
Phillips	\$545	\$545
Valley	\$1,441	\$1,420
McCone	\$1,010	\$1,005
Dawson	\$811	\$805
Prairie	\$353	\$352
Fallon	\$1,975	\$1,953
South Dakota Total	\$16,680	\$16,634
Harding	\$3,492	\$3,483
Butte	\$167	\$167
Perkins	\$945	\$941
Meade	\$3,496	\$3,478
Pennington	\$97	\$80
Haakon	\$3,163	\$3,170
Jones	\$1,526	\$1,526
Lyman	\$532	\$537
Tripp	\$3,257	\$3,252
Gregory	\$5	NA
Nebraska Total	\$11,810	\$11,369
Keya Paha	\$436	\$495
Boyd	\$311	NA
Rock	NA	\$299
Holt	\$3,050	\$2,518
Garfield	NA	\$379
Wheeler	NA	\$841
Greeley	NA	\$889
Antelope	\$2,341	NA
Boone	\$943	\$111
Nance	\$969	\$618
Merrick	\$288	\$980
Polk	\$481	NA
Hamilton	NA	\$250
York	\$932	\$951
Fillmore	\$500	\$861
Saline	\$567	\$648
Jefferson	\$993	\$1,528

Note: NA indicates that the county does not contain Keystone facilities, so the county would not levy a property tax.

The estimates in the table roughly approximate the property tax amount that could be paid annually. However, the amount of property tax revenue paid in the first year or any subsequent year of operations will likely vary over time because of the many factors that determine how much a pipeline company must pay in local property taxes in any given year.

**Table 39      2011 Steele City Alternative – Property Tax Revenue in Situs Counties, 2010**

<b>County</b>	<b>Total Property Value in County</b>	<b>Total Property Tax Revenue</b>	<b>Effective Property Tax Rate</b>
<b>Montana</b>			
Phillips	\$401,090,831	\$8,062,381	2.0%
Valley	551,323,709	14,706,595	2.7%
McCone	246,556,992	3,892,575	1.6%
Dawson	467,623,239	13,204,292	2.8%
Prairie	106,386,478	2,613,113	2.5%
Fallon	436,070,972	7,123,109	1.6%
Total	\$2,209,052,221	\$49,602,065	2.2%
<b>South Dakota</b>			
Harding	\$215,566,625	\$2,731,191	1.3%
Butte	595,452,581	9,498,634	1.6%
Perkins	318,254,493	4,468,261	1.4%
Meade	1,662,772,219	28,166,408	1.7%
Pennington	7,649,711,805	133,409,959	1.7%
Haakon	336,585,980	3,049,053	0.9%
Jones	229,359,183	1,982,019	0.9%
Lyman	409,288,275	4,240,216	1.0%
Tripp	583,522,735	7,413,209	1.3%
Total	\$12,000,513,896	\$194,958,950	1.6%
<b>Nebraska</b>			
Keya Paha	\$245,812,674	\$3,170,822	1.3%
Holt	325,973,182	5,033,082	1.5%
Rock	1,631,618,747	25,510,470	1.6%
Garfield	226,745,668	3,890,784	1.7%
Wheeler	256,161,110	3,393,401	1.3%
Boone	396,052,589	6,806,442	1.7%
Greeley	1,037,271,278	16,562,417	1.6%
Nance	511,150,656	9,021,512	1.8%
Merrick	920,338,590	16,488,968	1.8%
Hamilton	1,394,205,765	23,261,812	1.7%
York	1,763,598,787	27,568,396	1.6%
Saline	1,068,882,294	16,955,782	1.6%
Fillmore	1,235,103,379	23,050,519	1.9%
Jefferson	983,483,004	16,698,237	1.7%
Total	\$11,996,397,723	\$197,412,644	1.6%
<b>Kansas</b>			
Butler	\$3,906,384,545	\$88,195,610	2.3%
Clay	436,830,884	10,846,974	2.5%

**Table 40 I-90 Alternative - Minority Data for All Geographic Areas <sup>a</sup>**

Geographic Area	Total Population	African American		American Indian/ Alaska Native		Asian/Pacific Islander		Other		Two or More Races		Aggregate (Total) of Racial Minorities	
	#	#	%	#	%	#	%	#	%	#	%	#	%
<b>South Dakota</b>	<b>814,180</b>	<b>10,207</b>	<b>1.3%</b>	<b>71,817</b>	<b>8.8%</b>	<b>8,004</b>	<b>1.0%</b>	<b>7,477</b>	<b>0.9%</b>	<b>17,283</b>	<b>2.1%</b>	<b>114,788</b>	<b>14.1%</b>
Jones	1,006	1	0.1%	20	2.0%	4	0.4%	0	0.0%	19	1.9%	44	4.4%
CT 916	1,006	1	0.1%	20	2.0%	4	0.4%	0	0.0%	19	1.9%	44	4.4%
BG 1	1,006	1	0.1%	20	2.0%	4	0.4%	0	0.0%	19	1.9%	44	4.4%
Lyman	3,755	3	0.1%	1,436	38.2%	11	0.3%	5	0.1%	109	2.9%	1,564	41.7%
CT 9726	2,275	2	0.1%	109	4.8%	7	0.3%	5	0.2%	53	2.3%	176	7.7%
BG 1	915	0	0.0%	22	2.4%	0	0.0%	1	0.1%	18	2.0%	41	4.5%
BG 2	549	0	0.0%	22	4.0%	1	0.2%	0	0.0%	12	2.2%	35	6.4%
BG 3	811	2	0.2%	65	8.0%	6	0.7%	4	0.5%	23	2.8%	100	12.3%
Brule	5,255	12	0.2%	445	8.5%	10	0.2%	14	0.3%	128	2.4%	609	11.6%
CT 9731	2,657	4	0.2%	87	3.3%	4	0.2%	12	0.5%	50	1.9%	157	5.9%
BG 1	876	2	0.2%	55	6.3%	2	0.2%	2	0.2%	35	4.0%	96	11.0%
BG 2	792	2	0.3%	23	2.9%	2	0.3%	5	0.6%	6	0.8%	38	4.8%
BG 3	989	0	0.0%	9	0.9%	0	0.0%	5	0.5%	9	0.9%	23	2.3%
CT 9732	2,598	8	0.3%	358	13.8%	6	0.2%	2	0.1%	78	3.0%	452	17.4%
BG 1	756	1	0.1%	130	17.2%	1	0.1%	0	0.0%	34	4.5%	166	22.0%
BG 2	1,253	5	0.4%	148	11.8%	4	0.3%	1	0.1%	28	2.2%	186	14.8%
BG 3	589	2	0.3%	80	13.6%	1	0.2%	1	0.2%	16	2.7%	100	17.0%
Aurora	2,710	11	0.4%	40	1.5%	18	0.7%	50	1.8%	14	0.5%	133	4.9%
CT 9736	2,710	11	0.4%	40	1.5%	18	0.7%	50	1.8%	14	0.5%	133	4.9%
BG 1	472	0	0.0%	4	0.8%	3	0.6%	9	1.9%	6	1.3%	22	4.7%
BG 2	908	6	0.7%	35	3.9%	0	0.0%	41	4.5%	4	0.4%	86	9.5%
BG 3	684	1	0.1%	0	0.0%	5	0.7%	0	0.0%	0	0.0%	6	0.9%
BG 4	646	4	0.6%	1	0.2%	10	1.5%	0	0.0%	4	0.6%	19	2.9%
Davison	19,504	82	0.4%	490	2.5%	106	0.5%	100	0.5%	305	1.6%	1,083	5.6%
CT 9626	2,919	1	0.0%	33	1.1%	11	0.4%	12	0.4%	29	1.0%	86	2.9%
BG 1	979	1	0.1%	26	2.7%	2	0.2%	0	0.0%	9	0.9%	38	3.9%
BG 2	855	0	0.0%	1	0.1%	5	0.6%	11	1.3%	12	1.4%	29	3.4%
BG 3	1,085	0	0.0%	6	0.6%	4	0.4%	1	0.1%	8	0.7%	19	1.8%
CT 9627	5,467	21	0.4%	82	1.5%	37	0.7%	12	0.2%	75	1.4%	227	4.2%

**Table 40 I-90 Alternative - Minority Data for All Geographic Areas <sup>a</sup>**

Geographic Area	Total Population	African American		American Indian/ Alaska Native		Asian/Pacific Islander		Other		Two or More Races		Aggregate (Total) of Racial Minorities	
	#	#	%	#	%	#	%	#	%	#	%	#	%
BG 1	1,631	7	0.4%	19	1.2%	11	0.7%	2	0.1%	37	2.3%	76	4.7%
CT 9628	6,111	34	0.6%	199	3.3%	32	0.5%	37	0.6%	118	1.9%	420	6.9%
BG 1	905	14	1.5%	46	5.1%	2	0.2%	8	0.9%	25	2.8%	95	10.5%
BG 2	977	7	0.7%	27	2.8%	10	1.0%	6	0.6%	28	2.9%	78	8.0%
BG 3	1,072	8	0.7%	44	4.1%	5	0.5%	11	1.0%	25	2.3%	93	8.7%
BG 4	741	1	0.1%	12	1.6%	3	0.4%	3	0.4%	10	1.3%	29	3.9%
BG 5	1,388	3	0.2%	11	0.8%	6	0.4%	6	0.4%	11	0.8%	37	2.7%
BG 6	1,028	1	0.1%	59	5.7%	6	0.6%	3	0.3%	19	1.8%	88	8.6%
CT 9629	5,007	26	0.5%	176	3.5%	26	0.5%	39	0.8%	83	1.7%	350	7.0%
BG 1	1,123	3	0.3%	43	3.8%	8	0.7%	2	0.2%	13	1.2%	69	6.1%
BG 2	1,038	5	0.5%	5	0.5%	13	1.3%	7	0.7%	4	0.4%	34	3.3%
BG 3	1,002	3	0.3%	52	5.2%	0	0.0%	0	0.0%	26	2.6%	81	8.1%
BG 4	924	13	1.4%	32	3.5%	1	0.1%	20	2.2%	13	1.4%	79	8.5%
BG 5	920	2	0.2%	44	4.8%	4	0.4%	10	1.1%	27	2.9%	87	9.5%
Hanson	3,331	0	0.0%	11	0.3%	11	0.3%	6	0.2%	18	0.5%	46	1.4%
CT 9641	3,331	0	0.0%	11	0.3%	11	0.3%	6	0.2%	18	0.5%	46	1.4%
BG 1	911	0	0.0%	1	0.1%	3	0.3%	0	0.0%	10	1.1%	14	1.5%
BG 2	1,242	0	0.0%	10	0.8%	8	0.6%	4	0.3%	7	0.6%	29	2.3%
BG 3	1,178	0	0.0%	0	0.0%	0	0.0%	2	0.2%	1	0.1%	3	0.3%
McCook	5,618	8	0.1%	23	0.4%	11	0.2%	31	0.6%	38	0.7%	111	2.0%
CT 9647	2,405	5	0.2%	17	0.7%	9	0.4%	13	0.5%	20	0.8%	64	2.7%
BG 1	933	5	0.5%	1	0.1%	1	0.1%	4	0.4%	4	0.4%	15	1.6%
BG 3	689	0	0.0%	2	0.3%	4	0.6%	3	0.4%	6	0.9%	15	2.2%
Hutchinson	7,343	28	0.4%	49	0.7%	12	0.2%	36	0.5%	67	0.9%	192	2.6%
CT 9686	3,153	21	0.7%	18	0.6%	6	0.2%	31	1.0%	37	1.2%	113	3.6%
BG 1	1,104	3	0.3%	4	0.4%	4	0.4%	7	0.6%	6	0.5%	24	2.2%
BG 2	1,378	18	1.3%	11	0.8%	2	0.1%	24	1.7%	26	1.9%	81	5.9%
Yankton	22,438	340	1.5%	572	2.5%	123	0.5%	252	1.1%	322	1.4%	1,609	7.2%
CT 9661	3,038	26	0.9%	101	3.3%	19	0.6%	68	2.2%	59	1.9%	273	9.0%
BG 1	618	5	0.8%	29	4.7%	7	1.1%	10	1.6%	11	1.8%	62	10.0%

**Table 40 I-90 Alternative - Minority Data for All Geographic Areas <sup>a</sup>**

Geographic Area	Total Population	African American		American Indian/ Alaska Native		Asian/Pacific Islander		Other		Two or More Races		Aggregate (Total) of Racial Minorities	
	#	#	%	#	%	#	%	#	%	#	%	#	%
BG 2	855	4	0.5%	12	1.4%	4	0.5%	19	2.2%	22	2.6%	61	7.1%
BG 3	824	10	1.2%	32	3.9%	3	0.4%	13	1.6%	14	1.7%	72	8.7%
BG 4	741	7	0.9%	28	3.8%	5	0.7%	26	3.5%	12	1.6%	78	10.5%
CT 9662	5,556	32	0.6%	126	2.3%	31	0.6%	32	0.6%	96	1.7%	317	5.7%
BG 1	2,321	18	0.8%	19	0.8%	23	1.0%	2	0.1%	19	0.8%	81	3.5%
BG 2	983	1	0.1%	8	0.8%	5	0.5%	1	0.1%	20	2.0%	35	3.6%
BG 3	1,087	5	0.5%	32	2.9%	3	0.3%	2	0.2%	22	2.0%	64	5.9%
BG 4	1,165	8	0.7%	67	5.8%	0	0.0%	27	2.3%	35	3.0%	137	11.8%
CT 9663.01	3,462	23	0.7%	181	5.2%	11	0.3%	32	0.9%	35	1.0%	282	8.1%
BG 1	1,129	5	0.4%	9	0.8%	5	0.4%	8	0.7%	13	1.2%	40	3.5%
BG 2	2,333	18	0.8%	172	7.4%	6	0.3%	24	1.0%	22	0.9%	242	10.4%
CT 9663.02	6,575	248	3.8%	140	2.1%	51	0.8%	106	1.6%	97	1.5%	642	9.8%
BG 1	2,136	10	0.5%	51	2.4%	14	0.7%	32	1.5%	35	1.6%	142	6.6%
BG 2	1,554	216	13.9%	41	2.6%	24	1.5%	62	4.0%	33	2.1%	376	24.2%
BG 3	1,010	10	1.0%	15	1.5%	4	0.4%	3	0.3%	17	1.7%	49	4.9%
BG 4	1,875	12	0.6%	33	1.8%	9	0.5%	9	0.5%	12	0.6%	75	4.0%
CT 9664	3,807	11	0.3%	24	0.6%	11	0.3%	14	0.4%	35	0.9%	95	2.5%
BG 1	724	1	0.1%	2	0.3%	0	0.0%	7	1.0%	1	0.1%	11	1.5%
BG 2	780	3	0.4%	9	1.2%	1	0.1%	3	0.4%	19	2.4%	35	4.5%
BG 4	604	0	0.0%	6	1.0%	0	0.0%	0	0.0%	4	0.7%	10	1.7%
BG 5	981	1	0.1%	7	0.7%	3	0.3%	4	0.4%	11	1.1%	26	2.7%
<i>South Dakota Exceedance Criteria</i>		<i>1.5%</i>		<i>10.6%</i>		<i>1.2%</i>		<i>1.1%</i>		<i>2.5%</i>		<i>16.9%</i>	
<b>Nebraska</b>	<b>1,826,341</b>	<b>82,885</b>	<b>4.5%</b>	<b>18,427</b>	<b>1.0%</b>	<b>33,572</b>	<b>1.8%</b>	<b>79,109</b>	<b>4.3%</b>	<b>39,510</b>	<b>2.2%</b>	<b>253,503</b>	<b>13.9%</b>
Cedar	8,852	7	0.1%	22	0.2%	7	0.1%	52	0.6%	61	0.7%	149	1.7%
CT 9771	4,656	5	0.1%	12	0.3%	1	0.0%	9	0.2%	28	0.6%	55	1.2%
BG 1	1,181	1	0.1%	3	0.3%	0	0.0%	0	0.0%	7	0.6%	11	0.9%
BG 2	821	0	0.0%	1	0.1%	0	0.0%	2	0.2%	2	0.2%	5	0.6%
BG 3	769	0	0.0%	5	0.7%	0	0.0%	2	0.3%	13	1.7%	20	2.6%
BG 4	887	1	0.1%	1	0.1%	0	0.0%	5	0.6%	2	0.2%	9	1.0%

**Table 40 I-90 Alternative - Minority Data for All Geographic Areas <sup>a</sup>**

Geographic Area	Total Population	African American		American Indian/ Alaska Native		Asian/Pacific Islander		Other		Two or More Races		Aggregate (Total) of Racial Minorities	
	#	#	%	#	%	#	%	#	%	#	%	#	%
BG 5	998	3	0.3%	2	0.2%	1	0.1%	0	0.0%	4	0.4%	10	1.0%
CT 9772	4,196	2	0.0%	10	0.2%	6	0.1%	43	1.0%	33	0.8%	94	2.2%
BG 3	945	0	0.0%	4	0.4%	0	0.0%	0	0.0%	7	0.7%	11	1.2%
BG 4	1,181	0	0.0%	3	0.3%	2	0.2%	16	1.4%	5	0.4%	26	2.2%
Wayne	9,595	129	1.3%	32	0.3%	63	0.7%	173	1.8%	107	1.1%	504	5.3%
CT 9786	3,683	7	0.2%	6	0.2%	14	0.4%	60	1.6%	20	0.5%	107	2.9%
BG 1	860	1	0.1%	0	0.0%	2	0.2%	10	1.2%	0	0.0%	13	1.5%
BG 2	753	2	0.3%	2	0.3%	7	0.9%	1	0.1%	8	1.1%	20	2.7%
BG 3	868	2	0.2%	4	0.5%	2	0.2%	3	0.3%	3	0.3%	14	1.6%
Stanton	6,129	41	0.7%	25	0.4%	6	0.1%	173	2.8%	70	1.1%	315	5.1%
CT 9621	1,593	1	0.1%	4	0.3%	1	0.1%	23	1.4%	15	0.9%	44	2.8%
BG 2	706	1	0.1%	0	0.0%	1	0.1%	9	1.3%	1	0.1%	12	1.7%
CT 9622	4,536	40	0.9%	21	0.5%	5	0.1%	150	3.3%	55	1.2%	271	6.0%
BG 1	1,471	16	1.1%	14	1.0%	0	0.0%	50	3.4%	14	1.0%	94	6.4%
BG 2	865	11	1.3%	0	0.0%	4	0.5%	16	1.8%	15	1.7%	46	5.3%
BG 3	819	0	0.0%	4	0.5%	1	0.1%	10	1.2%	9	1.1%	24	2.9%
BG 4	1,381	13	0.9%	3	0.2%	0	0.0%	74	5.4%	17	1.2%	107	7.8%
Platte	32,237	145	0.4%	219	0.7%	163	0.5%	2,213	6.9%	476	1.5%	3,216	10.0%
CT 9651	3,737	8	0.2%	8	0.2%	11	0.3%	18	0.5%	16	0.4%	61	1.6%
BG 3	1,260	1	0.1%	1	0.1%	9	0.7%	3	0.2%	4	0.3%	18	1.4%
CT 9652.98	3,208	6	0.2%	10	0.3%	14	0.4%	22	0.7%	18	0.6%	70	2.2%
BG 4	820	3	0.4%	7	0.9%	3	0.4%	2	0.2%	1	0.1%	16	2.0%
CT 9654	4,806	16	0.3%	42	0.9%	28	0.6%	755	15.7%	67	1.4%	908	18.9%
BG 1	1,807	9	0.5%	12	0.7%	9	0.5%	287	15.9%	47	2.6%	364	20.1%
Colfax	10,515	89	0.8%	114	1.1%	33	0.3%	2,431	23.1%	213	2.0%	2,880	27.4%
CT 9646	2,225	0	0.0%	4	0.2%	6	0.3%	25	1.1%	14	0.6%	49	2.2%
BG 3	612	0	0.0%	1	0.2%	0	0.0%	18	2.9%	1	0.2%	20	3.3%
CT 9647	1,774	6	0.3%	2	0.1%	9	0.5%	95	5.4%	14	0.8%	126	7.1%
BG 1	1,091	0	0.0%	1	0.1%	6	0.5%	39	3.6%	9	0.8%	55	5.0%
BG 2	683	6	0.9%	1	0.1%	3	0.4%	56	8.2%	5	0.7%	71	10.4%

**Table 40 I-90 Alternative - Minority Data for All Geographic Areas <sup>a</sup>**

Geographic Area	Total Population	African American		American Indian/ Alaska Native		Asian/Pacific Islander		Other		Two or More Races		Aggregate (Total) of Racial Minorities	
	#	#	%	#	%	#	%	#	%	#	%	#	%
Butler	8,395	24	0.3%	11	0.1%	27	0.3%	84	1.0%	57	0.7%	203	2.4%
CT 9676	3,327	4	0.1%	4	0.1%	6	0.2%	30	0.9%	23	0.7%	67	2.0%
BG 1	1,166	1	0.1%	3	0.3%	4	0.3%	15	1.3%	16	1.4%	39	3.3%
BG 2	1,273	3	0.2%	1	0.1%	2	0.2%	10	0.8%	3	0.2%	19	1.5%
BG 3	888	0	0.0%	0	0.0%	0	0.0%	5	0.6%	4	0.5%	9	1.0%
CT 9677	3,110	19	0.6%	2	0.1%	19	0.6%	52	1.7%	26	0.8%	118	3.8%
BG 2	1,330	18	1.4%	2	0.2%	8	0.6%	43	3.2%	8	0.6%	79	5.9%
CT 9678	1,958	1	0.1%	5	0.3%	2	0.1%	2	0.1%	8	0.4%	18	0.9%
BG 2	856	1	0.1%	5	0.6%	0	0.0%	0	0.0%	6	0.7%	12	1.4%
Seward	16,750	60	0.4%	53	0.3%	74	0.4%	68	0.4%	180	1.1%	435	2.6%
CT 9601	4,378	8	0.2%	13	0.3%	13	0.3%	19	0.4%	29	0.7%	82	1.9%
BG 1	1,619	5	0.3%	10	0.6%	4	0.2%	7	0.4%	14	0.9%	40	2.5%
BG 2	1,178	1	0.1%	0	0.0%	1	0.1%	1	0.1%	6	0.5%	9	0.8%
BG 3	1,581	2	0.1%	3	0.2%	8	0.5%	11	0.7%	9	0.6%	33	2.1%
CT 9602	2,285	18	0.8%	9	0.4%	11	0.5%	7	0.3%	49	2.1%	94	4.1%
BG 1	1,302	16	1.2%	6	0.5%	9	0.7%	6	0.5%	24	1.8%	61	4.7%
BG 2	983	2	0.2%	3	0.3%	2	0.2%	1	0.1%	25	2.5%	33	3.4%
CT 9603	5,099	23	0.5%	16	0.3%	35	0.7%	19	0.4%	46	0.9%	139	2.7%
BG 1	1,580	3	0.2%	4	0.3%	8	0.5%	7	0.4%	10	0.6%	32	2.0%
BG 2	1,632	1	0.1%	4	0.2%	14	0.9%	4	0.2%	14	0.9%	37	2.3%
BG 3	1,887	19	1.0%	8	0.4%	13	0.7%	8	0.4%	22	1.2%	70	3.7%
CT 9604	4,988	11	0.2%	15	0.3%	15	0.3%	23	0.5%	56	1.1%	120	2.4%
BG 1	1,250	0	0.0%	2	0.2%	9	0.7%	6	0.5%	18	1.4%	35	2.8%
BG 2	1,358	5	0.4%	3	0.2%	2	0.1%	2	0.1%	12	0.9%	24	1.8%
BG 3	1,427	5	0.4%	3	0.2%	2	0.1%	11	0.8%	19	1.3%	40	2.8%
Saline	14,200	125	0.9%	55	0.4%	239	1.7%	1,775	12.5%	223	1.6%	2,417	17.0%
CT 9607	2,110	11	0.5%	2	0.1%	5	0.2%	50	2.4%	18	0.9%	86	4.1%
BG 1	1,010	6	0.6%	1	0.1%	1	0.1%	45	4.5%	11	1.1%	64	6.3%
CT 9608	1,496	4	0.3%	2	0.1%	3	0.2%	22	1.5%	14	0.9%	45	3.0%
BG 1	876	2	0.2%	1	0.1%	0	0.0%	9	1.0%	14	1.6%	26	3.0%

**Table 40 I-90 Alternative - Minority Data for All Geographic Areas <sup>a</sup>**

Geographic Area	Total Population	African American		American Indian/ Alaska Native		Asian/Pacific Islander		Other		Two or More Races		Aggregate (Total) of Racial Minorities	
	#	#	%	#	%	#	%	#	%	#	%	#	%
CT 9609	3,076	38	1.2%	17	0.6%	43	1.4%	75	2.4%	33	1.1%	206	6.7%
BG 1	1,325	6	0.5%	9	0.7%	28	2.1%	49	3.7%	19	1.4%	111	8.4%
BG 2	1,751	32	1.8%	8	0.5%	15	0.9%	26	1.5%	14	0.8%	95	5.4%
Jefferson	7,547	24	0.3%	27	0.4%	20	0.3%	62	0.8%	91	1.2%	224	3.0%
CT 9636	3,294	10	0.3%	3	0.1%	5	0.2%	19	0.6%	22	0.7%	59	1.8%
BG 1	1,266	1	0.1%	0	0.0%	3	0.2%	4	0.3%	7	0.6%	15	1.2%
BG 2	705	8	1.1%	1	0.1%	1	0.1%	5	0.7%	3	0.4%	18	2.6%
BG 3	1,323	1	0.1%	2	0.2%	1	0.1%	10	0.8%	12	0.9%	26	2.0%
<i>Nebraska Exceedance Criteria</i>		<i>5.4%</i>		<i>1.2%</i>		<i>2.2%</i>		<i>5.2%</i>		<i>2.6%</i>		<i>16.7%</i>	

Sources: Total population and minority populations for each race (Race, U.S. Census Bureau 2012b).

<sup>a</sup> Data is presented only for geographic areas along the I-90 Corridor Alternative route that differ from the proposed Project route.

Notes: Gray shaded cells indicate minority populations that met the 50 percent and/or meaningfully greater criteria.

Values less than 0.1 percent are expressed as 0.0 percent.

CT = Census Tract, BG = Block Group.

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**Table 41 I-90 Alternative – Hispanic and Latino Origin  
Data for All Geographic Areas<sup>a</sup>**

<b>Geographic Area</b>	<b>Total Population</b>	<b>Hispanic or Latino<sup>b</sup></b>	
	<b>#</b>	<b>#</b>	<b>%</b>
<b>South Dakota</b>	<b>814,180</b>	<b>22,119</b>	<b>2.7%</b>
Jones	1,006	13	1.3%
CT 916	1,006	13	1.3%
BG 1	1,006	13	1.3%
Lyman	3,755	42	1.1%
CT 9726	2,275	21	0.9%
BG 1	915	12	1.3%
BG 2	549	1	0.2%
BG 3	811	16	2.0%
Brule	5,255	75	1.4%
CT 9731	2,657	37	1.4%
BG 1	876	21	2.4%
BG 2	792	10	1.3%
BG 3	989	9	0.9%
CT 9732	2,598	38	1.5%
BG 1	756	16	2.1%
BG 2	1,253	18	1.4%
BG 3	589	13	2.2%
Aurora	2,710	101	3.7%
CT 9736	2,710	101	3.7%
BG 1	472	18	3.8%
BG 2	908	77	8.5%
BG 3	684	1	0.1%
BG 4	646	6	0.9%
Davison	19,504	294	1.5%
CT 9626	2,919	27	0.9%
BG 1	979	16	1.6%
BG 2	855	14	1.6%
BG 3	1,085	2	0.2%
CT 9627	5,467	44	0.8%
BG 1	1,631	18	1.1%
CT 9628	6,111	113	1.8%
BG 1	905	37	4.1%
BG 2	977	26	2.7%
BG 3	1,072	34	3.2%
BG 4	741	7	0.9%
BG 5	1,388	12	0.9%
BG 6	1,028	12	1.2%
CT 9629	5,007	110	2.2%
BG 1	1,123	21	1.9%
BG 2	1,038	6	0.6%
BG 3	1,002	27	2.7%
BG 4	924	45	4.9%

**Table 41 I-90 Alternative – Hispanic and Latino Origin  
Data for All Geographic Areas<sup>a</sup>**

Geographic Area	Total Population	Hispanic or Latino <sup>b</sup>	
	#	#	%
BG 5	920	28	3.0%
Hanson	3,331	15	0.5%
CT 9641	3,331	15	0.5%
BG 1	911	0	0.0%
BG 2	1,242	16	1.3%
BG 3	1,178	2	0.2%
McCook	5,618	99	1.8%
CT 9647	2,405	51	2.1%
BG 1	933	15	1.6%
BG 3	689	15	2.2%
Hutchinson	7,343	120	1.6%
CT 9686	3,153	93	2.9%
BG 1	1,104	13	1.2%
BG 2	1,378	85	6.2%
Yankton	22,438	614	2.7%
CT 9661	3,038	133	4.4%
BG 1	618	27	4.4%
BG 2	855	43	5.0%
BG 3	824	31	3.8%
BG 4	741	38	5.1%
CT 9662	5,556	113	2.0%
BG 1	2,321	17	0.7%
BG 2	983	39	4.0%
BG 3	1,087	20	1.8%
BG 4	1,165	55	4.7%
CT 9663.01	3,462	48	1.4%
BG 1	1,129	19	1.7%
BG 2	2,333	30	1.3%
CT 9663.02	6,575	281	4.3%
BG 1	2,136	86	4.0%
BG 2	1,554	151	9.7%
BG 3	1,010	21	2.1%
BG 4	1,875	49	2.6%
CT 9664	3,807	39	1.0%
BG 1	724	11	1.5%
BG 2	780	15	1.9%
BG 4	604	4	0.7%
BG 5	981	14	1.4%
<i>South Dakota Exceedance Criteria</i>		3.2%	
<b>Nebraska</b>	<b>1,826,341</b>	<b>167,405</b>	<b>9.2</b>
Cedar	8,852	113	1.3%
CT 9771	4,656	46	1.0%
BG 1	1,181	0	0.0%

**Table 41 I-90 Alternative – Hispanic and Latino Origin  
Data for All Geographic Areas<sup>a</sup>**

<b>Geographic Area</b>	<b>Total Population</b>	<b>Hispanic or Latino<sup>b</sup></b>	
	<b>#</b>	<b>#</b>	<b>%</b>
BG 2	821	4	0.5%
BG 3	769	31	4.0%
BG 4	887	14	1.6%
BG 5	998	4	0.4%
CT 9772	4,196	67	1.6%
BG 3	945	0	0.0%
BG 4	1,181	26	2.2%
Wayne	9,595	401	4.2%
CT 9786	3,683	130	3.5%
BG 1	860	27	3.1%
BG 2	753	10	1.3%
BG 3	868	19	2.2%
Stanton	6,129	281	4.6%
CT 9621	1,593	38	2.4%
BG 2	706	15	2.1%
CT 9622	4,536	243	5.4%
BG 1	1,471	87	5.9%
BG 2	865	38	4.4%
BG 3	819	25	3.1%
BG 4	1,381	116	8.4%
Platte	32,237	4,452	13.8%
CT 9651	3,737	37	1.0%
BG 3	1,260	13	1.0%
CT 9652.98	3,208	48	1.5%
BG 4	820	8	1.0%
CT 9654	4,806	1,423	29.6%
BG 1	1,807	714	39.5%
Colfax	10,515	4,315	41.0%
CT 9646	2,225	49	2.2%
BG 3	612	20	3.3%
CT 9647	1,774	169	9.5%
BG 1	1,091	81	7.4%
BG 2	683	97	14.2%
Butler	8,395	195	2.3%
CT 9676	3,327	70	2.1%
BG 1	1,166	41	3.5%
BG 2	1,273	20	1.6%
BG 3	888	18	2.0%
CT 9677	3,110	107	3.4%
BG 2	1,330	81	6.1%
CT 9678	1,958	18	0.9%
BG 2	856	12	1.4%
Seward	16,750	272	1.6%

**Table 41 I-90 Alternative – Hispanic and Latino Origin  
Data for All Geographic Areas<sup>a</sup>**

<b>Geographic Area</b>	<b>Total Population</b>	<b>Hispanic or Latino<sup>b</sup></b>	
	<b>#</b>	<b>#</b>	<b>%</b>
CT 9601	4,378	67	1.5%
BG 1	1,619	27	1.7%
BG 2	1,178	11	0.9%
BG 3	1,581	38	2.4%
CT 9602	2,285	43	1.9%
BG 1	1,302	37	2.8%
BG 2	983	14	1.4%
CT 9603	5,099	96	1.9%
BG 1	1,580	37	2.3%
BG 2	1,632	32	2.0%
BG 3	1,887	37	2.0%
CT 9604	4,988	66	1.3%
BG 1	1,250	23	1.8%
BG 2	1,358	21	1.5%
BG 3	1,427	23	1.6%
Saline	14,200	2,870	20.2%
CT 9607	2,110	92	4.4%
BG 1	1,010	67	6.6%
CT 9608	1,496	40	2.7%
BG 1	876	25	2.9%
CT 9609	3,076	225	7.3%
BG 1	1,325	107	8.1%
BG 2	1,751	131	7.5%
Jefferson	7,547	200	2.7%
CT 9636	3,294	69	2.1%
BG 1	1,266	27	2.1%
BG 2	705	13	1.8%
BG 3	1,323	39	2.9%
<i>Nebraska Exceedance Criteria</i>		<i>11.0%</i>	

Sources: Hispanic and Latino populations (Hispanic or Latino Origin by Race, U.S. Census Bureau 2012c).

<sup>a</sup> Data is presented only for geographic areas along the I-90 Corridor Alternative route that differ from the proposed Project route.

<sup>b</sup> Hispanic and Latino populations are not included in the aggregate minority count.

Notes: Gray shaded cells indicate minority populations that met the 50 percent and/or meaningfully greater criteria.

CT = Census Tract, BG = Block Group.

**Table 42 I-90 Alternative – Low-Income Data for All Geographic Areas<sup>a</sup>**

<b>Geographic Area</b>	<b>Population for Whom Poverty Status is Determined</b>	<b>Aggregate (Total) of Low-Income Populations</b>	
	<b>#</b>	<b>#</b>	<b>%</b>
<b>South Dakota</b>	<b>771,100</b>	<b>105,819</b>	<b>13.7%</b>
Jones	1,056	96	9.1%
CT 916	1,056	96	9.1%
Lyman	3,720	699	18.8%
CT 9726	2,128	171	8.0%
Brule	4,713	430	9.1%
CT 9731	2,324	194	8.3%
CT 9732	2,389	236	9.9%
Aurora	2,647	218	8.2%
CT 9736	2,647	218	8.2%
Davison	18,552	2,556	13.8%
CT 9626	2,991	122	4.1%
CT 9627	4,964	546	11.0%
CT 9628	5,623	822	14.6%
CT 9629	4,974	1,066	21.4%
Hanson	3,375	461	13.7%
CT 9641	3,375	461	13.7%
McCook	5,459	429	7.9%
CT 9647	2,258	191	8.5%
Hutchinson	7,121	743	10.4%
CT 9686	3,113	395	12.7%
Yankton	20,264	2,275	11.2%
CT 9661	2,669	492	18.4%
CT 9662	5,344	606	11.3%
CT 9663.01	2,726	147	5.4%
CT 9663.02	5,442	768	14.1%
CT 9664	4,083	262	6.4%
<i>South Dakota Exceedance Criteria</i>		<i>16.5%</i>	
<b>Nebraska</b>	<b>1,744,704</b>	<b>206,227</b>	<b>11.8%</b>
Cedar	8,726	922	10.6%
CT 9771	4,524	623	13.8%
CT 9772	4,202	299	7.1%
Wayne	8,320	1,309	15.7%
CT 9786	3,814	477	12.5%
Stanton	6,156	675	11.0%
CT 9621	1,756	119	6.8%
CT 9622	4,400	556	12.6%
Platte	31,396	2,498	8.0%
CT 9651	3,859	306	7.9%
CT 9652.98	3,229	289	9.0%
CT 9654	4,507	92	2.0%
Colfax	10,051	1,101	11.0%
CT 9646	2,352	165	7.0%
CT 9647	1,468	74	5.0%
Butler	8,270	756	9.1%
CT 9676	3,110	241	7.7%
CT 9677	3,034	323	10.6%
CT 9678	2,126	192	9.0%

**Table 42 I-90 Alternative – Low-Income Data for All Geographic Areas<sup>a</sup>**

<b>Geographic Area</b>	<b>Population for Whom Poverty Status is Determined</b>	<b>Aggregate (Total) of Low-Income Populations</b>	
	<b>#</b>	<b>#</b>	<b>%</b>
Seward	15,798	1,110	7.0%
CT 9601	4,243	274	6.5%
CT 9602	2,348	200	8.5%
CT 9603	4,247	155	3.6%
CT 9604	4,960	481	9.7%
Saline	12,871	1,539	12.0%
CT 9607	2,133	129	6.0%
CT 9608	1,600	112	7.0%
CT 9609	2,868	177	6.2%
Jefferson	7,668	958	12.5%
CT 9636	3,255	222	6.8%
<i>Nebraska Exceedance Criteria</i>		<i>14.2%</i>	

Source: U.S. Census Bureau 2006-2010 Poverty Status in the Past 12 Months (U.S. Census Bureau 2012a).

<sup>a</sup> Data is presented only for geographic areas along the I-90 Corridor Alternative route that differ from the proposed Project route  
Notes: CT = Census Tract.

**Table 43 I-90 Alternative - Designated HPSAs and MUA/Ps with Identified Minority and/or Low-Income Populations within Census Block Groups and Tracts in Affected Counties<sup>a</sup>**

County	Total Number of Census Block Groups Assessed	Census Block Groups Containing One or More Identified Minority Populations	Total Number of Census Tracts Assessed	Census Tracts Containing One or More Identified Low-Income Populations	Health Professional Shortage Areas (HPSA) <sup>b</sup>		Medically Underserved Areas/Populations (MUA/P) <sup>e</sup>
					Designation Name / Facility Location <sup>c</sup>	Geographic Area or Facility Type <sup>d</sup> (P= Primary Medical Care; D= Dental; M = Mental Health)	Designation Name
South Dakota							
Brule	6	4	2	0	Catchment Area 4	Geographical Area (M)	Kimball City – County
Aurora	4	3	1	0	Wessington Springs Catchment Area 4	Geographical Area (P, D) Geographical Area (M)	Aurora Service Area
Davison	15	7	4	1	Corsica/Armour Catchment Area 4	Geographical Area (P) Geographical Area (M)	NA
Hanson	3	0	1	0	Salem Catchment Area 4	Geographical Area (P) Geographical Area (M)	Hanson Service Area
McCook	2	0	1	0	Salem Low-Income – McCook County	Geographical Area (P) Population Group (D)	McCook Service Area
Hutchinson	2	1	1	0	Menno Clinic Catchment Area 12	Rural Health Clinic (P) Geographical Area (M)	Hutchinson Service Area
Yankton	18	8	5	1	South Dakota Human Services Center Catchment Area 12	State Mental Hospital (M) Geographical Area (M)	Low-Income – Yankton County
Subtotal South Dakota	50	23	17	2			

**Table 43 I-90 Alternative - Designated HPSAs and MUA/Ps with Identified Minority and/or Low-Income Populations within Census Block Groups and Tracts in Affected Counties<sup>a</sup>**

County	Total Number of Census Block Groups Assessed	Census Block Groups Containing One or More Identified Minority Populations	Total Number of Census Tracts Assessed	Census Tracts Containing One or More Identified Low-Income Populations	Health Professional Shortage Areas (HPSA) <sup>b</sup>		Medically Underserved Areas/Populations (MUA/P) <sup>c</sup>
					Designation Name / Facility Location <sup>c</sup>	Geographic Area or Facility Type <sup>d</sup> (P= Primary Medical Care; D= Dental; M = Mental Health)	Designation Name
Nebraska							
Cedar	7	0	2	0	Laurel Mercy Medical Clinic Catchment Area 4	Rural Health Clinic (P, D, M) Geographical Area (M)	Cedar Service Area
Wayne	3	0	1	0	Wayne Mercy Medical Clinic Catchment Area 4	Rural Health Clinic (P, D, M) Geographical Area (M)	Chapin Precinct – County
Stanton	5	1	2	0	Catchment Area 4	Geographical Area (M)	Stanton Service Area
Platte	3	1	3	0	Good Neighbor Community Health Center Catchment Area 4	Comprehensive Health Center (P, D, M) Geographical Area (M)	St. Bernard Service Area
Colfax	3	1	2	0	Howells Family Practice Alegent Health Schuyler Clinic Alegent Health Howells Clinic Alegent Health Clarkson Clinic Catchment Area 4	Rural Health Clinic (P, D, M) Rural Health Clinic (P, D, M) Rural Health Clinic (P, D, M) Rural Health Clinic (P, D, M) Geographical Area (M)	Adams Precinct Service Area Schuyler City – County
Butler	5	0	3	0	Mental Health Catchment Area 5	Geographical Area (M)	David City Service Area



**Table 43 I-90 Alternative - Designated HPSAs and MUA/Ps with Identified Minority and/or Low-Income Populations within Census Block Groups and Tracts in Affected Counties<sup>a</sup>**

County	Total Number of Census Block Groups Assessed	Census Block Groups Containing One or More Identified Minority Populations	Total Number of Census Tracts Assessed	Census Tracts Containing One or More Identified Low-Income Populations	Health Professional Shortage Areas (HPSA) <sup>b</sup>		Medically Underserved Areas/Populations (MUA/P) <sup>c</sup>
					Designation Name / Facility Location <sup>c</sup>	Geographic Area or Facility Type <sup>d</sup> (P= Primary Medical Care; D= Dental; M = Mental Health)	Designation Name
Seward	11	0	4	0	Mental Health Catchment Area 5	Geographical Area (M)	NA
<i>Subtotal Nebraska</i>	<i>37</i>	<i>3</i>	<i>17</i>	<i>0</i>			

Source: HRSA 2012.

<sup>a</sup> Data is presented only for geographic areas along the I-90 Corridor Alternative route that differ from the proposed Project route.<sup>b</sup> Health Professional Shortage Areas (HPSAs) are designated by HRSA as having shortages of primary medical care, dental or mental health providers and may be geographic (a county or service area), demographic (low income population) or institutional (comprehensive health center, federally qualified health center or other. public facility).<sup>c</sup> Satellite sites of Comprehensive Health Centers automatically assume the HPSA score of the affiliated grantee. They are not listed separately.<sup>d</sup> Geographic Single County is defined as a whole county designated as HPSA; Geographic Service Areas are portions of a county, or portions of multiple counties, designated as a geographic HPSA; Population Groups are defined as a population within an area that is designated as a HPSA; Correctional Institutions are Federal and State prisons and youth detention facilities; Rural Health Clinics are certified as Rural Health Clinics by the Centers for Medicare and Medicaid Services; Indian Health Service sites serve Federally Recognized tribes.<sup>e</sup> Medically Underserved Areas/Populations are areas or populations designated by HRSA as having: too few primary care providers, high infant mortality, high poverty and/or high elderly population.

**Table 44 I-90 Corridor Alternative – Public Services**

<b>State / County<sup>a,b</sup></b>	<b>Police / Sheriff Departments<sup>c</sup></b>	<b>Fire Departments<sup>d</sup></b>	<b>Nearest Medical Facilities (City)<sup>e</sup></b>
<b>South Dakota</b>			
Brule	2	3	Sanford Clinic Chamberlain (Chamberlain) Sanford Mid-Dakota Hospital (Chamberlain) Mid-Dakota Medical Center (Chamberlain)
Aurora	2	1	Kimball Ambulance Service (Kimball) Price Medical Group (Kimball)
Davison	2	2	Avera Queen of Peace Hospital (Mitchell) Avera St Benedict Health Center (Mitchell)
Hanson	1	3	Avera Queen of Peace Hospital (Mitchell) Avera St Benedict Health Center (Mitchell)
McCook	1	4	McCook County Ambulance (Salem)
Hutchinson	3	3	Freeman Regional Health Services (Freeman) Landmann-Jungman memorial Hospital (Scotland)
Yankton	2	3	Avera Sacred Heart Hospital (Yankton) Yankton Medical Clinic (Yankton)
<b>Nebraska</b>			
Cedar	4	7	Avera Sacred Heart Hospital (Yankton)
Wayne	2	4	Providence Medical Center (Wayne)
Stanton	1	2	Faith Regional Health Services (Norfolk) Urgent Care Center of Norfolk (Norfolk)
Platte	3	4	Humphrey Medical Clinic (Humphrey) Columbus Community Hospital (Columbus)
Colfax	4	3	Humphrey Medical Clinic (Humphrey) Columbus Community Hospital (Columbus) Columbus Medical Center (Columbus)
Butler	2	9	Butler County Health Care Center (David City)
Seward	3	5	Seward Memorial Hospital (Seward)

<sup>a</sup> Data is presented only for counties along the I-90 Corridor Alternative route that differ from the proposed Project route.

<sup>b</sup> States, counties, and cities are listed geographically from north to south as proposed project crosses the area.

<sup>c</sup> Number of Police and Sheriff Departments determined from local, regional, and national records pertaining to Law Enforcement Agencies as listed on the website [usacops.com](http://usacops.com) (2012).

<sup>d</sup> Number of Fire Departments determined from community database of Fire Departments in the United States as listed on the website [Firedepartmentdirectory.com](http://Firedepartmentdirectory.com) (2012).

<sup>e</sup> Medical facility located at a distance no further than approximately 50 miles from Project Area.

**Table 45** County Property Tax Comparison of Proposed Project and I-90 Corridor Alternative (in thousands of 2010 dollars)

State/County	Proposed Project	I-90 Corridor Alternative
Montana Total	\$6,135	\$6,135
Phillips	\$545	\$545
Valley	\$1,441	\$1,441
McCone	\$1,010	\$1,010
Dawson	\$811	\$811
Prairie	\$353	\$353
Fallon	\$1,975	\$1,975
South Dakota Total	\$16,680	\$22,585
Harding	\$3,492	\$2,453
Butte	\$167	\$132
Perkins	\$945	\$595
Meade	\$3,496	\$2,279
Pennington	\$97	\$62
Haakon	\$3,163	\$1,472
Jones	\$1,526	\$835
Lyman	\$532	\$1,533
Tripp	\$3,257	NA
Gregory	\$5	NA
Brule	NA	\$968
Aurora	NA	\$751
Davison	NA	\$845
Hanson	NA	\$719
Hutchinson	NA	\$846
McCook	NA	\$319
Yankton	NA	\$918
Nebraska Total	\$11,810	\$9,632
Keya Paha	\$436	NA
Boyd	\$311	NA
Rock	NA	NA
Holt	\$3,050	NA
Garfield	NA	NA
Wheeler	NA	NA
Greeley	NA	NA
Antelope	\$2,341	NA
Boone	\$943	NA
Nance	\$969	NA
Merrick	\$288	NA
Polk	\$481	NA
Hamilton	NA	NA
York	\$932	NA
Fillmore	\$500	NA
Cedar	NA	\$1,602
Wayne	NA	\$918
Stanton	NA	\$1,120
Platte	NA	\$197
Colfax	NA	\$1,095
Butler	NA	\$1,137
Seward	NA	\$1,194
Saline	\$567	\$1,336

**Table 45      County Property Tax Comparison of Proposed Project and I-90 Corridor Alternative (in thousands of 2010 dollars)**

<b>State/County</b>	<b>Proposed Project</b>	<b>I-90 Corridor Alternative</b>
Jefferson	\$993	\$1,033

Note: NA indicates that the county does not contain Keystone facilities, so the county would not levy a property tax.

The estimates in the table roughly approximate the property tax amount that could be paid annually. However, the amount of property tax revenue paid in the first year or any subsequent year of operations will likely vary over time because of the many factors that determine how much a pipeline company must pay in local property taxes in any given year.

**Table 46 I-90 Corridor Alternative – Property Tax Revenue in Situs Counties, 2010**

<b>County</b>	<b>Total Property Value in County</b>	<b>Total Property Tax Revenue</b>	<b>Effective Property Tax Rate</b>
<b>Montana</b>			
Phillips	\$401,090,831	\$8,062,381	2.0%
Valley	551,323,709	14,706,595	2.7%
McCone	246,556,992	3,892,575	1.6%
Dawson	467,623,239	13,204,292	2.8%
Prairie	106,386,478	2,613,113	2.5%
Fallon	436,070,972	7,123,109	1.6%
Total	\$2,209,052,221	\$49,602,065	2.2%
<b>South Dakota</b>			
Harding	\$215,566,625	\$2,731,191	1.3%
Butte	595,452,581	9,498,634	1.6%
Perkins	318,254,493	4,468,261	1.4%
Meade	1,662,772,219	28,166,408	1.7%
Pennington	7,649,711,805	133,409,959	1.7%
Haakon	336,585,980	3,049,053	0.9%
Jones	229,359,183	1,982,019	0.9%
Lyman	409,288,275	4,240,216	1.0%
Brule	434,662,325	6,089,743	1.4%
Aurora	364,526,155	4,774,539	1.3%
Davison	1,087,493,692	20,886,206	1.9%
Hanson	328,950,735	4,890,431	1.5%
Hutchinson	696,050,432	10,651,549	1.5%
McCook	557,638,631	9,402,415	1.7%
Yankton	1,297,186,219	22,362,008	1.7%
Total	\$16,183,499,350	\$266,602,632	1.6%
<b>Nebraska</b>			
Cedar	\$1,217,786,465	\$18,784,733	1.5%
Wayne	1,011,932,084	18,041,990	1.8%
Stanton	690,161,712	12,537,059	1.8%
Platte	3,556,501,878	55,577,378	1.6%
Colfax	1,015,683,931	18,004,032	1.8%
Butler	1,210,850,485	20,597,362	1.7%
Seward	1,706,365,907	29,389,841	1.7%
Saline	1,235,103,379	23,050,519	1.9%
Jefferson	983,483,004	16,698,237	1.7%
Total	\$12,627,868,845	\$212,681,151	1.7%
<b>Kansas</b>			
Butler	\$3,906,384,545	\$88,195,610	2.3%
Clay	436,830,884	10,846,974	2.5%

## REFERENCES

*Note: Memo 13 source references are listed in Memo 13.*

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